

A Word to Mazda Owners

Thank you for choosing a Mazda. We at Mazda design and build vehicles with complete customer satisfaction in mind.

To help ensure enjoyable and trouble-free operation of your Mazda, read this manual carefully and follow its recommendations.

Regular servicing of your vehicle by an expert repairer helps maintain both its roadworthiness and its resale value. A world-wide network of Authorised Mazda Repairers can help you with their professional servicing expertise.

Their specially trained personnel are best qualified to service your Mazda vehicle properly and exactly. Also, they are equipped with a wide range of specialized tools and equipment specially developed for Mazda vehicles.

When maintenance or service is necessary, consult an expert repairer (we recommend an Authorised Mazda Repairer).

We assure you that all of us at Mazda have an ongoing interest in your motoring pleasure and in your full satisfaction with your Mazda product.

Mazda Motor Corporation
HIROSHIMA, JAPAN

Important Notes About This Manual

Keep this manual in the glove compartment as a handy reference for the safe and enjoyable use of your Mazda. Should you resell the vehicle, leave this manual with it for the next owner.

All specifications and descriptions are accurate at the time of printing. Because improvement is a constant goal at Mazda, we reserve the right to make changes in specifications at any time without notice and without obligation.

In this manual, "*" indicates that equipment and features vary depending on the vehicle model.

Please be aware that this manual applies to all models, equipment and options. As a result, you may find some explanations for equipment not installed on your vehicle.

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How to Use This Manual

We want to help you get more driving pleasure from your vehicle. Your owner's manual, when read from beginning to end, can do that in many ways.

Illustrations complement the words of the manual to best explain how to enjoy your Mazda. By reading your manual, you can find out about the features, important safety information, and driving under various road conditions.

You'll find several **WARNINGS**, **CAUTIONS**, and **NOTES** in the manual.



A "**WARNING**" indicates a situation in which serious injury or death could result if the warning is ignored.

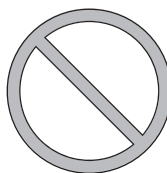


A "**CAUTION**" indicates a situation in which bodily injury or damage to your vehicle, or both, could result if the caution is ignored.

NOTE

A "**NOTE**" provides information and sometimes suggests how to make better use of your vehicle.

The symbol below in this manual means "Do not do this" or "Do not let this happen".



The following symbol indicates the first operation, such as a push or a turn.



The following symbol indicates the second operation, such as a push or a turn.

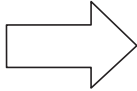


How to Use This Manual

The following symbol indicates the location of parts.



The following symbol indicates a change of status.



The following symbol can be viewed on some parts of the vehicle, indicates related detailed description about this part. Please refer to the manual.



References to left hand and right hand are made as if facing in the driving direction the vehicle faces. Although this manual explains a Left-Hand Drive model, it also applies to Right-Hand Drive models.

Index: A good place to start is the Index, an alphabetical listing of all information in your manual.

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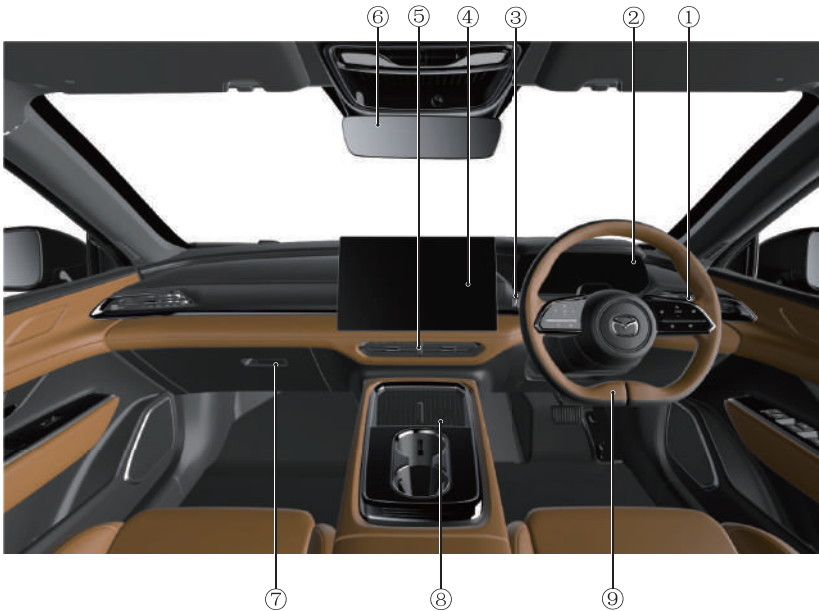
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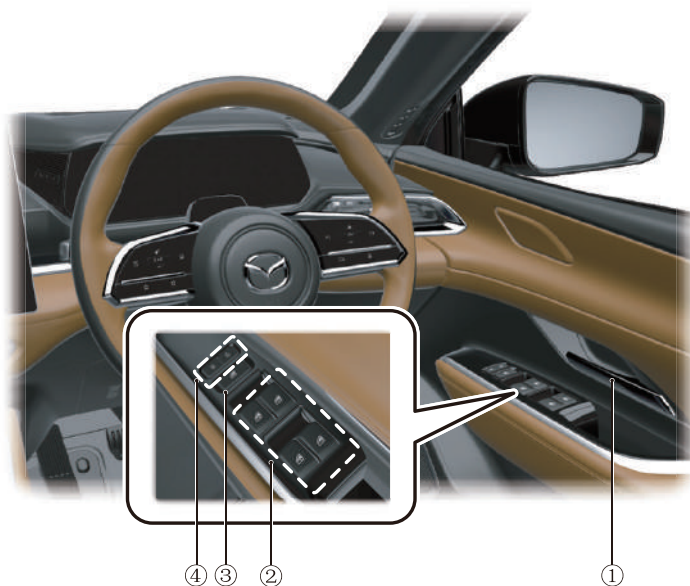


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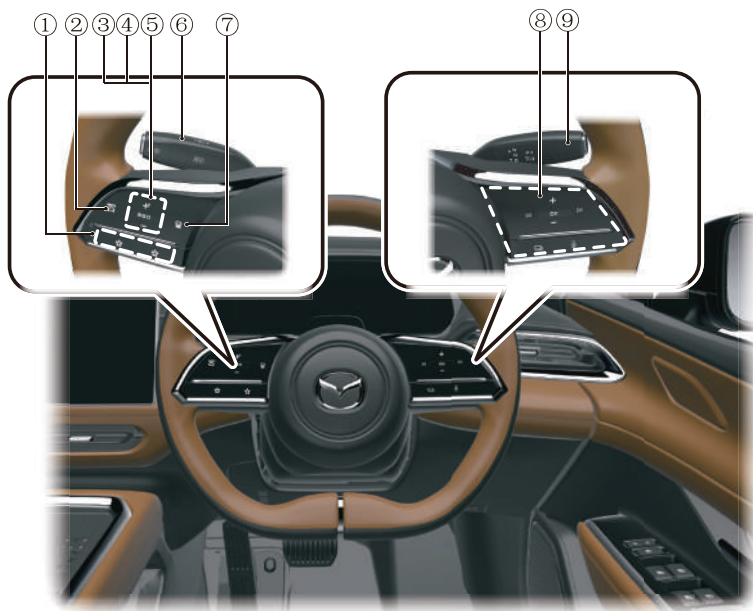


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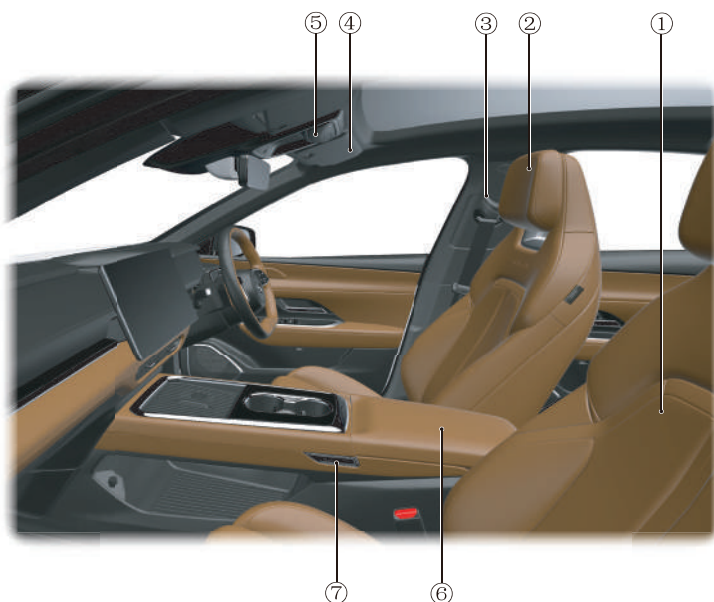
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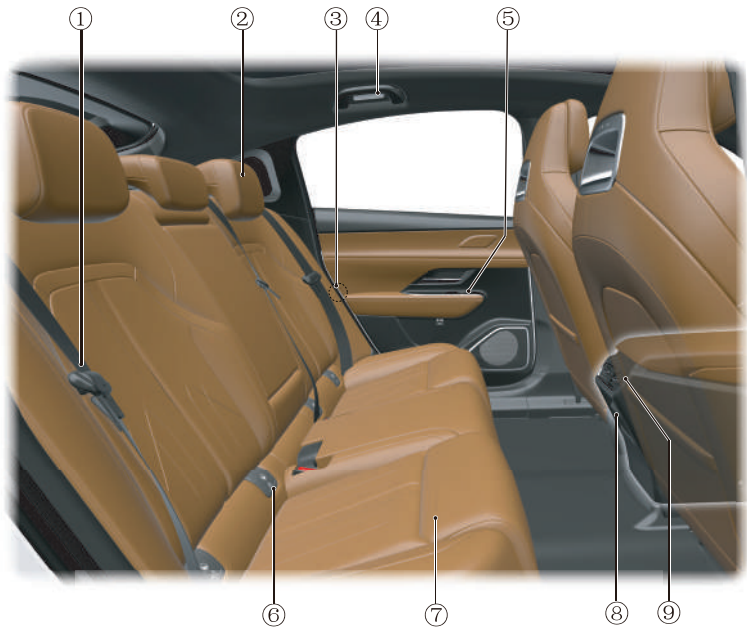
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Exterior Equipment

▼ Exterior Equipment



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Essential Safety Equipment

Important information about safety equipment, including seats, seat belt system, child-restraint systems and SRS airbags.

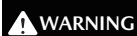
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Seat Precautions

▼ Seat Precautions



Ensure the adjustable components of the seat are securely locked in place:

Adjustable seats and seatbacks that are not securely locked can be hazardous. In the event of a sudden braking or collision, the seat or seatback may move, potentially causing injury.

Ensure the adjustable components of the seat are securely locked by attempting to slide the seat forwards and backwards, as well as rocking the seatback.

Never allow children to adjust the seat:

Allowing children to adjust the seat is dangerous, as their hands or feet could become caught, potentially resulting in serious injury.

Do not drive with the seatback in an unlocked position:

All of the seatbacks play an important role in your protection in a vehicle.

Unlocked seatbacks are hazardous as they may cause passengers to be ejected or thrown around, with baggage potentially striking occupants during a sudden stop or collision, leading to severe injury. After adjusting the seatback, even when no other passengers are present, rock the seatback to ensure it is securely locked

in place.

Adjust the seat only when the vehicle is stationary:

If the seat is adjusted while the vehicle is in motion, the seating position may become unstable, and the seat could move unexpectedly, potentially causing injury.

Do not modify or replace the front seats under any circumstances:

Modifying or replacing the front seats, such as altering the upholstery or loosening any bolts, is hazardous. The front seats contain airbag components that are vital to the supplemental restraint system. Such modifications could compromise the supplemental restraint system and lead to serious injury.

Consult an authorised Mazda dealer if it is necessary to remove or reinstall the front seats.

Do not drive with damaged front seats under any circumstances:

Driving with damaged front seats, such as seat cushions damage or torn sponges is hazardous. A collision, even one not severe enough to deploy the airbags, could damage the front seats, which contain vital airbag components. In the event of a subsequent collision, an airbag may not deploy, potentially leading to injury. Always have an authorised Mazda dealer inspect the front seats, front seat belt pretensioners, and airbags after a collision.

Essential Safety Equipment Seats

Never drive with either of the front seats reclined:

Sitting in a reclined position while the vehicle is in motion is hazardous because you will not receive full protection from the seat belts. During sudden braking or a collision, you may slide under the lap belt, resulting in serious injuries. For optimal protection, sit fully back and upright.

Never place an object, such as a cushion, between the seatback and your back:

Placing an object, such as a cushion, between the seatback and your back is hazardous, as it prevents you from maintaining a safe driving posture and may impair the seatbelt's function in a collision, potentially resulting in serious injury or death.

Do not place objects under the seat:

The object could become lodged, preventing the seat from securing properly, potentially causing an accident.

Never stack cargo higher than the seatbacks:

Stacking luggage or other cargo higher than the seatbacks is hazardous.

During sudden braking or a collision, objects can become projectiles, potentially striking and injuring passengers.

Ensure luggage and cargo is securely stowed before driving:

Failing to secure cargo while driving

is hazardous, as it may shift or be crushed during sudden braking or a collision, causing injury.

Additionally, if the airbags deploy, the cargo may scatter, potentially leading to serious injury or death.

Never allow a passenger to sit or stand on a folded seatback while the vehicle is in motion:

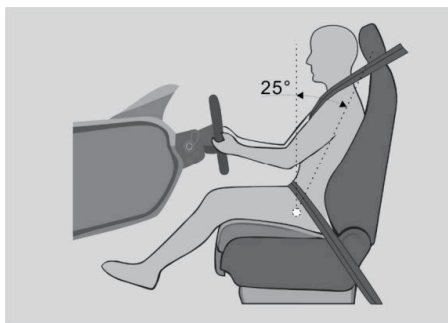
Driving with a passenger on the folded seatback is hazardous. Allowing a child to sit on a folded seatback while the vehicle is in motion is particularly hazardous. In the event of a sudden braking or even a minor collision, a child not properly secured in a child-restraint system and seat belt could be thrown forward, backward, or even out of the vehicle, resulting in serious injuries or death. A child in the baggage area could be thrown into other occupants, causing serious injury.

Essential Safety Equipment Seats

⚠ CAUTION

- When operating a seat, be careful not to put your hands or fingers near the moving parts of the seat or on the side trim to prevent injury.
- When moving the seats, ensure there is no cargo in the surrounding area. If the cargo gets caught, it could damage the cargo.
- Be careful not to hurt yourself when reaching under the seat to clean the floor or pick up something that has fallen under the seat. Be careful not to hurt yourself by touching moving parts, seat rails, seat frame, and other parts around the seat bottom.
- When returning a rear seat to its original position, place the seat belt in its normal position. Verify that the seat belt pulls out and retracts.
- The seat-bottom power adjustment is operated by motors. Avoid prolonged operation to prevent motor damage.
 - To prevent the battery from running down, avoid using the power adjustment when the EV system is stopped. The adjuster uses a large amount of electrical power.
 - Do not use the switch to make more than one adjustment at a time.

▼ Seats Overview



The front-to-rear position and seatback angle status set by this vehicle model:

- **Seat designed front-to-rear position:** The seat is adjusted 40 millimetres (1.6 in) forward from its rearmost position.
- **Seatback designed angle status:** This is the angle between the vertical axis and the occupant's torso line when seated in the position. For this vehicle model, the seatback angle is set at 25°.

▼ Correct Seating Posture

Correct use of the seats, head restraints, seat belts, and airbags is essential to ensure maximum protection in the event of a vehicle collision. Prior to driving, we strongly recommend that you:

- Adjust the seat position properly, ensuring that both the seat and seatback are securely locked in place. Avoid excessive reclining of the seatback.

Essential Safety Equipment

Seats

- The driver should maintain a safe distance from the steering wheel, adjusting it downward if possible, so that the airbag deploys towards the chest.
- Ensure you adopt the correct seating posture, sitting as upright as possible with your back fully supported by the seatback.
- Ensure the seat belt is worn correctly (refer to the "Seat Belts" section for detailed instructions).

WARNING

Never drive the vehicle until all passengers are correctly seated.

Passengers should never sit on folded seat backs, in the luggage compartment, or on cargo. They must remain seated and avoid standing or moving between seats while the vehicle is in motion to reduce the risk of injury or death during emergency braking or a collision.

Do not place unevenly distributed or sharp objects, such as needles or nails, on the seats.

Do not modify or replace seats with side airbags or use seat covers, as this may interfere with the proper deployment of the side airbag system, increasing the risk of injury.

Improper seating position or incorrectly fastened seat belts pose a significant risk of injury during emergency braking or a collision.

When adjusting the seat, ensure your hands are clear of moving parts to avoid the risk of injury.

Avoid excessive reclining of the seatback. If you lean back too far, the lap belt may exert pressure on your abdomen, or the shoulder belt may contact your neck, increasing the risk of serious injury in the event of a collision.

Airbags deploy with immense force. Incorrect use of seat belts or abnormal seating postures may lead to head and neck injuries, particularly to vulnerable occupants. These injuries can be fatal, especially in children.

Never adjust the seat while the vehicle is in motion, as this could cause unexpected seat movement, leading to loss of control and personal injury.

Do not place objects under the seat, as they may obstruct seat adjustments, affect the locking mechanism, or unintentionally activate the seat position adjustment lever, causing sudden seat movement and loss of control.

CAUTION

It is not recommended to add cushions to the seat surface. Incorrectly sized, shaped, or positioned cushions may cause the front seat Belt Reminder (SBR) to malfunction.

Essential Safety Equipment Seats

Front Seats

▼ Front Seat Adjustment Electric Seat (Left-Hand Drive Model)



1. Seat Slide

To move the seat forward or backward, press and hold the seat slide switch on the side of the seat. Release the switch when the seat reaches the desired position.

2. Height Adjustment(driver's seat only)

To adjust the seat height, use the seat height switch to raise or lower the seat.

3. Front Edge Seat Height Adjustment(driver's seat only)

To adjust the front edge of the seat bottom, raise or lower the front of the seat height switch.

4. Seat Recline

To adjust the angle of the seatback, press the front or rear side of the recline switch. Release the switch when the seatback is at the desired angle.

5. Lumbar Support Adjustment(driver's seat only)

To increase the lumbar support, press and hold the front part of the switch until the desired level is reached. To reduce the lumbar support, press the rear part of the switch.

(Right-Hand Drive Model)



1. Seat Slide

To move the seat forward or backward, press and hold the seat slide switch on the side of the seat. Release the switch at the desired position.

2. Height Adjustment (driver's seat only)

To adjust the seat height, use the seat height switch to raise or lower the seat.

3. Front Edge Seat Height Adjustment (driver's seat only)

To adjust the front edge of the seat bottom, raise or lower the

Essential Safety Equipment

Seats

front of the seat height switch.

4. Seat Recline

To adjust the angle of the seatback, press the front or rear side of the recline switch. Release the switch when the seatback is at the desired angle.

5. Lumbar Support Adjustment (driver's seat only)

To increase the lumbar support, press and hold the front part of the switch until the desired level is reached. To reduce the lumbar support, press the rear part of the switch.

Front Seat Adjustment

Access the seat adjustment controls via the centre display by selecting "Vehicle Centre → Comfy Cabin → Seat Adjustment → Driver Seat Adjustment/Front Passenger Seat". Touch the appropriate icon to adjust the seatback, seat height (for the driver's seat), front and rear and leg support (for the driver's seat).

▼ Driving Position Memory

To access the driver's seat control interface, navigate to the centre display and select "Vehicle Centre → Comfy Cabin → Seat Adjustment → Driver Seat Adjustment."

Adjust the driver's seat to a comfortable driving position. Tap "Save" within the on-screen frame. A "Save Successful" prompt will appear, indicating that the current position has been stored in the active user profile.

Tap the "Recall" button to retrieve the saved driver's seat position from the current user profile. The seat will automatically move to the stored position.



Do not place your fingers or hands near the bottom of the seat while the seat memory function is in operation. The seat moves automatically during this process, and fingers or hands could be pinched or injured.

Essential Safety Equipment Seats

▼ Easy Access for Seat

Enable or deactivate the Driver Easy Access function via the centre display: "Vehicle Centre → Comfy Cabin → Easy Access for Driver".

After configuration:

- When the vehicle is parked, the gear is in 'P', the seat belt is unfastened, and the driver's door is opened, the driver's seat will move to the courtesy position.
- When the driver's door is unlocked and opened, the seat will adjust to the driving position once the driver is seated and the door is closed.

Rear Seats

▼ Rear Seats

Lowering the rear seatbacks will increase the luggage compartment space.



Never drive with occupants seated on folded-down seatbacks or in the luggage compartment.

It is dangerous to place occupants in the luggage compartment, as seat belts cannot be fastened. This could lead to serious injury or death in the event of sudden braking or a collision.

Never allow children to play inside the vehicle with the seatbacks lowered.

Allowing children to play in the vehicle with the seatbacks folded down is hazardous. If a child enters the luggage compartment and the seatbacks are raised, they could become trapped, leading to a potential accident.

Always secure cargo tightly in the luggage compartment when transporting it with the seatbacks folded down.

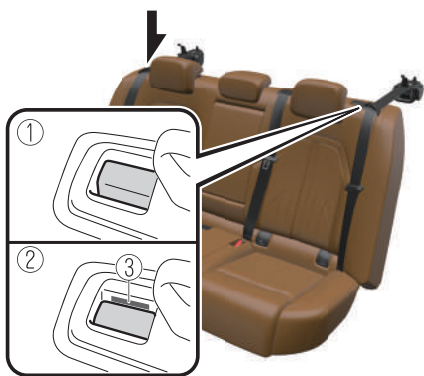
Driving without securing cargo properly is dangerous, as it may shift and obstruct driving during emergency braking or a collision, potentially causing an accident.

Essential Safety Equipment Seats

When transporting cargo, ensure it does not exceed the height of the seatbacks.

Stacking cargo higher than the seatbacks is hazardous, as it reduces visibility to the rear and sides of the vehicle, which could impair driving and lead to an accident.

Press the switch to fold the seatback down.



1. Locked position
2. Unlocked position
3. Red indication

CAUTION

- When folding the seatback forward, always support it with your hand. If not supported, fingers or the hand pressing the push knob may be injured.
- Before folding the rear seatback, check the position of the front seat. If the front seat is in the

wrong position, it may prevent the rear seatback from folding fully, potentially scratching or damaging the front seat or its pocket. Lower or remove the head restraint from the rear outboard seat if necessary.

WARNING

When returning the seatback to its upright position, ensure that the 3-point seat belt is not caught or twisted.

If the seat belt is twisted or caught in the seatback during using, it will not function properly, which could result in serious injury or death.

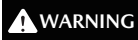
When returning the seatback to its upright position, ensure it is securely locked and the red indicator is not visible.

If the red indicator is visible behind the push knob, the seatback is not locked. Driving without the seatback securely locked could cause it to fold down unexpectedly, leading to an accident.

Head Restraints

▼ Head Restraints

Your vehicle is equipped with head restraints on all outboard seats and the rear centre seat. The head restraints are intended to help protect you and the passengers from neck injury.

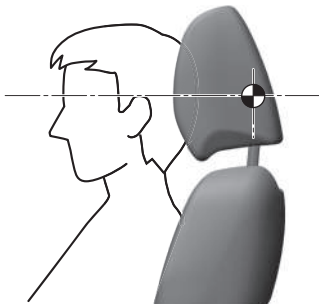


Always drive with the head restraints installed when seats are being used and ensure they are properly adjusted.

Driving with the head restraints adjusted too low or removed is dangerous. With no support behind your head, your neck could be seriously injured in a collision.

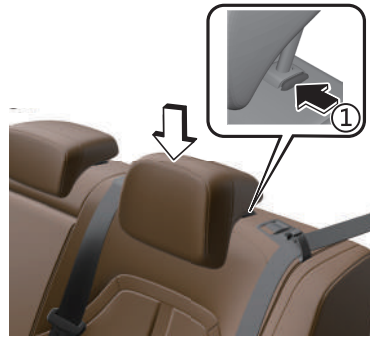
▼ Height Adjustment

Adjust the head restraint so that the centre aligns with the top of the passenger's ears.



To raise the head restraint, pull it upwards to the desired position.

To lower the head restraint, press the release catch, then push the head restraint down.



Only the rear seat head restraint of this model can be adjusted vertically. To lower or remove the head restraint from its use position, press release switch ① to unlock it. However, the lowest position of the head restraint is not its standard operational position and should not be used when there are passengers.

Essential Safety Equipment Seats

WARNING

Always ensure the head restraints are installed when the seats are in use, and verify they are correctly positioned:

Driving without the head restraints installed is dangerous. Without support behind your head, your neck could be seriously injured in the event of a collision.

After installing the head restraint, try lifting it to ensure it does not detach:

Driving with an unsecured head restraint is hazardous, as the effectiveness of the restraint may be compromised, potentially causing it to detach from the seat unexpectedly.

CAUTION

- When installing the head restraint, ensure it is positioned correctly, with the front of the restraint facing forward. If incorrectly installed, it could detach from the seat during a collision, potentially causing injury.
- The head restraints on the front and rear seats are specifically designed for each seat. Do not switch head restraint positions. If a head restraint is not installed in the correct position, its effectiveness in a collision will be compromised, which could result in injury.

Essential Safety Equipment Seat Ventilation/Heated Seat

Seat Ventilation/Heated Seat

▼ Seat Ventilation/Heated Seat

Access the control interface via the "A/C" icon on the centre display, or use the shortcut buttons located at the bottom of the screen to activate the front seat ventilation/heating function. The function cycle through "Level 3", "Level 2", "Level 1", and "Off".

The front seat ventilation/heating function can also be activated via the Mobile APP, if equipped.

WARNING

Caution when using the seat warmer:

There is a possibility of overheating or burns when using the seat heating function, and high caution should be maintained. Especially when used for a long time, please adjust the heating switch in real time according to the actual situation, especially for the following passengers who need to pay special attention:

- Elderly, infants, children, patients, individuals with physical disabilities and pregnant women
- Individuals with sensitive skin
- Individuals who are excessively fatigued
- Individuals under the influence of alcohol
- Individuals who have taken sedative medications, such as sleeping pills or cold medicine

Do not use the heated front seat in conjunction with items that have high heat retention, such as blankets or cushions:

The seat may be heated excessively, resulting in a low-temperature burn.

Do not use the heated seat while taking a short nap in the vehicle.

The seat may be heated excessively, resulting in a low-temperature burn.

Essential Safety Equipment

Seat Ventilation/Heated Seat

Do not place heavy objects with sharp edges on the seat or insert needles into it:

This may cause the seat to be heated excessively, leading to injury from a minor burn.



Do not use organic solvents, such as benzene or petrol, to clean the seat as it may damage both the seat surface and the heater.

Essential Safety Equipment

Steering Wheel

Steering Wheel

▼ Steering Wheel Adjustment

1. Pull the steering wheel adjustment lever downward to unlock the steering column locking mechanism;

(Left-Hand Drive Model)



(Right-Hand Drive Model)



2. Adjust the steering wheel to the desired position;
3. Push the steering wheel adjustment lever back to its original position to lock the steering wheel.

NOTE

- Before driving, shake the steering wheel up and down and back and forth to ensure it is fully locked.

⚠ WARNING

- Do not release the steering wheel adjustment lever while driving. Ensure the steering wheel is properly adjusted before driving.

▼ Steering Wheel Switches

1. : Increase cruise speed or resume the previously set cruise speed.
2. : 360° View Monitor.
3. : Reduce cruise speed or press at a certain speed so that the vehicle travels at a fixed speed.
4. : Driving mode switch.
5. : Adjust cruise distance.
6. : Custom function switch 1 / switch 2.
7. : Increase volume.
8. : Short press - Decrease volume/Long press - Mute.
9. : Previous Track/Hang up.
10. : Next Track/Pick up.
11. : Play/Pause.
12. : Toggle driving information display on the instrument cluster.

Essential Safety Equipment

Steering Wheel

13.  : Voice recognition.

▼ Heated Steering Wheel

Tap "Control Centre → Heated Steering Wheel" on the centre display to turn the heated steering wheel on or off. The icon illuminates when the function is active.



The following individuals should take extra care to avoid touching the heated steering wheel. Otherwise, low-temperature burns may occur.

- Infants, children, elderly persons, and those with reduced physical capabilities;
- Individuals with very sensitive or delicate skin;
- Those who are excessively fatigued;
- Persons under the influence of alcohol;
- Individuals who have taken sleep-inducing medications, such as sleeping pills or cold remedies.

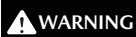
Essential Safety Equipment Seat Belt Systems

Seat Belt Precautions

▼ Seat Belt Precautions

Seat belts significantly reduce the risk of severe injury during accidents and emergency braking. Mazda strongly advises that both the driver and all passengers fasten their seat belts at all times. All seats are equipped with both lap and shoulder belts.

Seat belts featuring inertia lock retractors can be fully retracted when not in use. This locking mechanism ensures comfort for the user but will automatically engage during a collision.



Always fasten your seat belt and ensure all occupants are properly restrained:

Failing to fasten a seat belt is highly dangerous. In the event of a collision, occupants without seat belts could collide with others or objects inside the vehicle or even be ejected. This increases the risk of serious injury or fatality. In contrast, those wearing a seat belts would be significantly safer.

Twisted seat belts pose a significant danger:

Twisted seat belts are dangerous. In a collision, the full width of the belt is not available to absorb the impact, concentrating more force on the bones beneath the belt, which could lead to serious injury or even death.

Therefore, if the seat belt is twisted, it must be straightened to eliminate all twisting in order to use the entire seat belt properly.

Never share a seat belt between two or more people:

Using one seat belt for multiple passengers is hazardous. A seat belt used in this way cannot properly distribute the impact forces, two people may collide, which could result in serious injury or even death. Do not use one seat belt for more than one passenger at the same time. Use the vehicle while ensuring that each occupant is properly restrained.

Do not use a damaged seat belt:

Using a damaged seat belt is hazardous. An accident may damage the seat belt webbing, rendering it unable to provide adequate protection in future collisions. Have an Authorised Mazda Dealer inspect the seat belt system after any accident before further use.

Replace your seat belts immediately if the pretensioners have deployed:

Always have an Authorised Mazda Dealer inspect the seat belt pretensioners and airbags after any collision. Like the airbags, the seat belt pretensioners will only function once and must be replaced after any collision that caused them to deploy. If the seat belt tensioner is not replaced, it will increase the risk of injury in a collision.

Essential Safety Equipment

Seat Belt Systems

Positioning of seat belt shoulder portion:

Incorrect positioning of the shoulder portion of the seat belt is hazardous. Ensure that the shoulder belt rests across your shoulder, near your neck, never under your arm, around your neck, or on your upper arm.

Never use a front seat belt while seated in a rear seat:

It is very dangerous to use a front seat belt while seated in a rear seat. The seat belt will not function as effectively during sudden braking or in a collision, which could result in serious injury or death. In addition, this use of seat belts may damage the rear seat belt buckle.

Positioning of seat belt lap portion:

Wearing the lap portion of the seat belt too high is very dangerous. In a collision, it could concentrate the impact force on the abdominal area, leading to serious injury. Always the lap belt low and snug across the pelvis.

Instructions for using seat belt assembly:

Seat belts are designed to rest on the body's bony structure and should be worn low across the pelvis or across the pelvis, chest, and shoulders, as appropriate. Avoid wearing the lap section of the belt across the abdomen.

Seat belts should be adjusted as tightly as comfortably possible to ensure the protection they are designed to

provide. A loose belt significantly reduces the protection offered.

Be careful to avoid contaminating seat belts with polishing agents, oil, and chemicals, especially 12 V battery acid. It can be safely cleaned using mild soapy water. If the seat belt is worn, contaminated, or damaged, it should be replaced.

It is crucial to replace the entire seat belt assembly after it has been involved in a severe impact, even if no visible damage is evident.

Seat belts should never be worn with twisted straps.

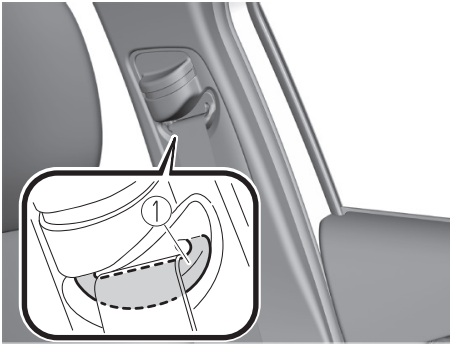
Each belt assembly must only be used by one occupant; it is dangerous to put a belt around a child being carried on the occupant's lap.

No modifications or additions should be made by the user which will either prevent the seat belt adjusting devices from operating to remove slack, or prevent the seat belt assembly from being adjusted to remove slack.

CAUTION

Belt retraction may become difficult if the belts and rings are soiled, so try to keep them clean. For more details about cleaning the seat belts, refer to "Seat Belt Maintenance".

Essential Safety Equipment Seat Belt Systems



1. Ring

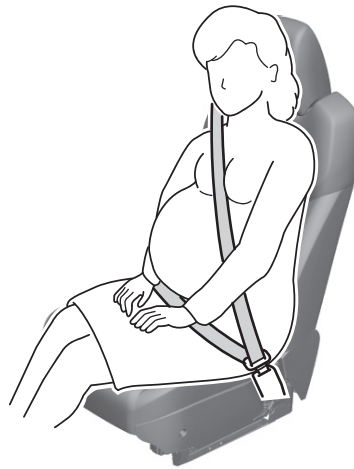
▼ Pregnant Women and Persons with Serious Medical Conditions

Pregnant women must always fasten seat belts. It is essential to fasten them as per the guidance of their healthcare provider.

The lap belt should be positioned comfortably across the hips, as low as possible.

The shoulder belt should be correctly positioned across the shoulder, never across the abdomen.

Individuals with serious medical conditions must also fasten seat belts. It is advisable to consult your healthcare provider for personalised recommendations based on your medical condition.



▼ Emergency Locking Mode

When the seatbelt is fastened, it will always be in emergency locking mode.

In emergency locking mode, the passenger can maintain comfort, and in the event of a collision, the retractor will automatically lock into place. If the seatbelt locks and cannot be pulled out, retract it once, then slowly pull it out again. If it still cannot be pulled out, pull it forcefully once, release it, then slowly pull it out again.

Essential Safety Equipment

Seat Belt Systems

Seat Belts

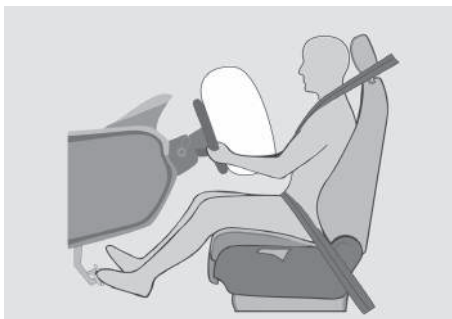
▼ Seat Belts

When a vehicle is involved in a collision or experiences emergency braking, significant inertial forces are generated. Seat belts are the most fundamental and effective safety devices.

Seat belts secure occupants in their seats, effectively preventing them from striking interior components and absorbing substantial amounts of kinetic energy, thereby reducing the severity of injuries.

Fasten a seat belt correctly is also a critical prerequisite for the airbag to function effectively.

If occupants are not fasten seat belts correctly or are seated in improper positions, the significant force generated by airbag deployment may cause injury to vulnerable body parts, such as the head and neck.



To maximize the protective effectiveness of seat belts, we recommend the following before driving:

- Fasten seat belts correctly;
- Adjust the seat to ensure the correct sitting posture.

WARNING

Regularly inspect all seat belt components and replace any that are damaged or malfunctioning.

A seat belt is designed for use by one occupant only.

After an accident, seat belts that have been deployed or stretched must be replaced. Modifying or dismantling seat belts in any manner is strictly prohibited. If repair or replacement is needed, please consult an expert repairer (we recommend an Authorised Mazda Repairer) for inspection and replacement.

NOTE

- Seat belts should not be pinched or twisted when worn.
- Seat belts should not come into contact with sharp or fragile objects while being worn.
- Loose clothing (such as a large coat over casual fasten) can interfere with the proper functioning of the seat belt.

Essential Safety Equipment Seat Belt Systems

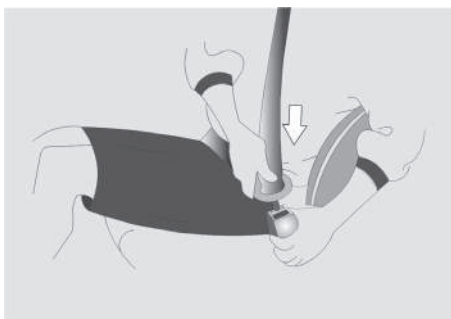
- Seat belts must be kept clean, as dirt can interfere with the functioning of the automatic retractor.
- The buckle should not be obstructed by paper or similar objects, as this can prevent the tongue and buckle from engaging correctly.

▼ Fasten Seat Belts

The three-point lap belt must be fastened across the hips and positioned as low as possible, not around the waist; the shoulder belt should be worn diagonally across the chest, never under the arm.

Fastening the Seat Belt

1. Pull the seat belt tongue outwards, extending the belt smoothly.
2. Position the shoulder belt over your shoulder and the lap belt across your hips.
3. Ensure that the lap/shoulder belt is not twisted and insert the tongue into the buckle until you hear a "click", ensuring the seat belt is securely fastened.

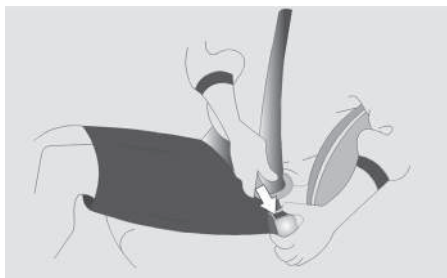


NOTE

- Position the lap belt as low as possible, never across the abdominal area, then adjust the shoulder belt to ensure a snug fit against your body.
- Before fastening the rear seat belt, ensure that it passes correctly through the seat belt guide and is not twisted.

Unfastening the Seat Belt

Press the red switch on the latch. If the seat belt is not fully tightened, pull it out and check for any knots or twists. Ensure it remains untwisted as it tightens.



NOTE

- If the seat belt cannot be fully retracted, check for any knots or twists. If the seat belt still cannot retract properly, please consult an expert repairer (we recommend an Authorised Mazda Repairer) for inspection.

Essential Safety Equipment

Seat Belt Systems

Children Fasten Seat Belts

The seat belts in this vehicle are designed for adults. Children aged 12 and under should use child restraint systems that comply with national safety standards (see the "Child Safety" section).

If a child has outgrown child restraint systems, they should always sit in the back seat and use an appropriate seat belt.

Pregnant Women Fasten Seat Belts

Position the lap belt comfortably across the hips.

Position the shoulder belt across the chest, from above the chest, through the middle, to the side of the pregnant woman's abdomen.

WARNING

- To ensure the safety of both the mother and foetus, please fasten the seat belt correctly.
- Consult a doctor for specific advice before fasten the seat belt.

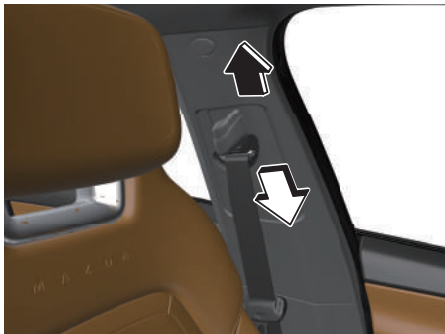
Injured Persons Fasten Seat Belts

For injured individuals fasten seat belts, please follow medical advice. It is recommended to use seat belts according to the actual condition.

▼ Front Shoulder Belt Adjuster

Upper Anchor Adjustment

Press and hold the height adjuster switch to adjust the upper anchor of the seat belt up and down. There are three positions from top to bottom, allowing you to adjust to a more comfortable position based on your height, seat position, and posture.



WARNING

The driver is prohibited from adjusting the seat belt while the vehicle is in motion.

Essential Safety Equipment Seat Belt Systems

Seat Belt Warning Systems

▼ Seat Belt Warning System

The seat belt warning light on the instrument panel reminds both the driver and the front passenger to fasten their seat belts.



If the driver or front passenger has not fastened their seat belt, the seat belt warning light will illuminate.

If the driver has not fastened their seat belt while the vehicle is in motion, the warning light will illuminate and an audible warning will sound. After approximately 2 minutes, the audible warning will cease, but the warning light will remain illuminated.

Rear seat belt reminder: The rear seat belt warning light on the instrument panel reminds rear passengers to fasten their seat belts.



When the vehicle starts, if a rear seat belt is unfastened, the corresponding seat belt warning light will illuminate. An audible warning will sound when the vehicle speed exceeds 10 km/h (6.2 mph).

After approximately 35 seconds, the audible warning will stop, but the warning light will remain illuminated.

When the vehicle starts, if the rear passengers change from fastening their seat belts to unfastening them, the corresponding seat belt warning light will illuminate. An audible warning will sound when the vehicle speed exceeds 10 km/h (6.2 mph). After approximately 35 seconds, the audible warning will stop, but the warning light will remain illuminated.

The rear seat belt unfastened reminder function can be deactivated via the "Safety → Rear Seat Belt Unfastened" interface. However, it is recommended to leave this function active when there are rear passengers. (Note that the seat belt reminder cannot be deactivated while driving.)

NOTE

If the seat belt reminder does not function as described above, it may indicate a malfunction. Please consult a expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.

Essential Safety Equipment

Seat Belt Systems

Seat Belt Pretensioner

▼ Seatbelt Pretensioner

Seatbelt Pretensioner

The front seatbelts are equipped with pretensioners, which activate even if the front seats are unoccupied. In the event of a sufficiently intense frontal collision, the pretensioners will activate, causing the seatbelt webbing to automatically retract.

This ensures that the seatbelt securely restrains the front passenger's body, offering optimal protection.

When the seatbelt pretensioners activate, a loud noise may be heard, and smoke and dust may be emitted. This is normal operation and is not toxic, although it may cause skin irritation or difficulty in breathing. Ensure proper ventilation and wash any exposed skin thoroughly.

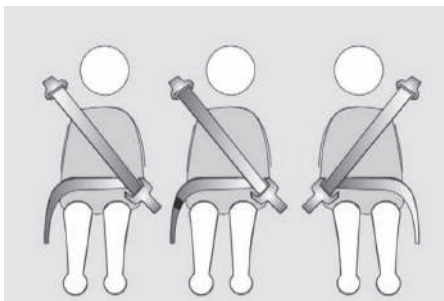
⚠ WARNING

- After the pretensioners have been activated, or when the vehicle has been in use for ten years, contact an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle and replace the seatbelts.

- For any maintenance or inspection of the pretensioners, please consult an expert repairer (we recommend an Authorised Mazda Repairer).
- Modifying or removing the airbag system, striking the airbag controller and sensors, or damaging the airbag control wiring is prohibited. This may cause the pretensioners to activate suddenly or lose their functionality.
- Modifying, removing, striking, or opening the pretensioner components, or disassembling or damaging the wiring, is prohibited. This may cause the pretensioners to activate suddenly or lose their functionality.

▼ Rear Seat Belts

The rear seat belts are three-point harnesses. The corresponding buckles are positioned at an angle on the rear seat cushions. To use the seat belt, insert the tongue into the corresponding buckle. Both left and right rear seat belts are equipped with pretensioners.



Essential Safety Equipment Seat Belt Systems

Rear Seat Belt Pretensioners

Both left and right rear seat belts are fitted with pretensioners, which are functional even when the seats are unoccupied.

In the event of a sufficiently strong frontal collision, the pretensioner activates and automatically retracts the seat belt webbing, ensuring the seat belt securely holds the occupant and provides maximum protection.

When the seat belt pretensioner operates, it may generate a loud noise, along with smoke and dust. This is a normal operating condition and is non-toxic, although it may cause skin irritation or respiratory discomfort. Ensure proper ventilation and wash any exposed skin thoroughly.

Pretensioner:

When a collision is detected, the pretensioner deploys in tandem with the airbag.

When the airbag deploys, the seat belt retractor will immediately eliminate any slack. Once deployed, both the airbags and seat belt pretensioners must be replaced.



Only fasten seat belts as recommended in this user manual:

Improper placement of seat belts is extremely hazardous. Due to improper positioning, the pretensioner and load limiter systems cannot provide adequate protection during a collision, potentially leading to serious injury.

If the pretensioner has been used, the seat belt should be replaced immediately:

After a collision, always have a expert repairer (we recommend an Authorised Mazda Repairer) promptly inspect the seat belt pretensioners and airbags. Like airbags, seat belt pretensioners are single-use and must be replaced after deployment during a collision. Failing to replace the seat belt pretensioner will increase the risk of injury in a collision.

Do not modify the components or wiring of the pretensioner system, or use electronic testing equipment on the pretensioner system:

Modifying the components or wiring of the pretensioner system, or using electronic testing equipment, is hazardous. You may inadvertently trigger it or disable its operation, preventing activation during an accident. Both occupants and maintenance personnel may sustain serious injuries.

Essential Safety Equipment Seat Belt Systems

Properly dispose of the pretensioner system:

Mishandling of the pretensioner system, or a vehicle with undeployed pretensioners, is highly dangerous.

Failure to follow proper safety procedures may lead to injury. Please have professional technicians (we recommend an Authorised Mazda Repairer) safely handle the pretensioner system or dispose of vehicles equipped with a pretensioner system.

NOTE

- Depending on the type of collision, the pretensioner system may not operate.
- When airbags and pretensioners deploy, they release some smoke (non-toxic gas). This is not a fire. This gas generally does not affect passengers, but it may cause mild skin irritation for those with sensitive skin. If residue from the airbag or pretensioner system deployment falls on the skin or eyes, wash it off as soon as possible.

Essential Safety Equipment

Child Restraint

Child-Restraint Precautions

▼ Child-Restraint Precautions

Mazda strongly advises the use of child restraint systems for children of a suitable size.

Mazda recommends using a child restraint system, that complies with UN-R^{*1} 44 or UN-R 129 regulations. If you wish to purchase, please contact an expert repairer.

Please refer to local and regional regulations for specific requirements regarding child passenger safety in your vehicle.

*1 "UN-R" stands for "United Nations Regulation."

Regardless of the child restraint system you choose, ensure it is suitable for the child's age and size, complies with local regulations, and follows the child restraint system instructions.

Children who have outgrown their child restraint systems should sit in the rear of the vehicle and use seat belts.

Statistics confirm that the rear seat is the safest position for children up to 12 years of age, especially when the vehicle is equipped with supplemental restraint systems (airbags).

Child restraint systems can be installed on both the front passenger seat and the rear seat.

A rear-facing child restraint system must **NEVER** be used on the front passenger seat unless the front passenger airbag deactivation switch is set to OFF.

Once a child restraint system is installed on the front passenger seat, do not adjust the seat position.

On certain models, a deactivation switch is available to disable the front passenger airbag. Do not deactivate the airbag without first reading the "Front Passenger Airbag Deactivation Switch" section.



Always use a child restraint system appropriate for the child's size:

To ensure effective protection during accidents or sudden stops, a child must be properly restrained with either a seat belt or a child restraint system, depending on age and size. Failure to do so could result in serious injury or even death in a collision.

Adhere to the manufacturer's instructions and ensure the child restraint system is always securely fastened:

An unsecured child restraint system poses a serious danger. In a sudden stop or collision, it could shift and cause severe injury or death to the child or other occupants. Always secure the child restraint system according to the manufacturer's

Essential Safety Equipment

Child Restraint

instructions. When not in use, remove it from the vehicle or fasten it with a seat belt, or latch it to both ISOFIX anchors and attach the corresponding tether anchor.

Always properly secure a child in an appropriate child restraint system:

Holding a child in your arms while the vehicle is in motion is extremely hazardous. No matter how strong you are, you cannot hold onto a child during a sudden stop or collision, and this could result in serious injury or death to the child or other occupants. Even in a moderate collision, airbag deployment forces could seriously harm the child or cause the child to be thrown into an adult, injuring both.

Extreme Hazard! Never use a rear-facing child restraint system on the front passenger seat with an active airbag (if necessary, the front passenger airbag must be disabled using the vehicle's software switch) (Airbag deactivation switch is not available in markets outside Europe): NEVER use a rear-facing child restraint on a seat protected by a front airbag unless the front passenger airbag deactivation switch is set to OFF! Vehicles equipped with a front passenger airbag carry the following warning label.



Even in a moderate impact, a deploying airbag may strike the rear-facing child restraint and propel it violently backward, potentially causing serious injury or death to the child.

If you must use a rear-facing child restraint, always set the front passenger airbag deactivation switch to OFF (Airbag deactivation switch is not available in markets outside Europe).

(Left-Hand Drive Model)



Essential Safety Equipment Child Restraint

(Right-Hand Drive Model)



Do not install a forward-facing child restraint on the front passenger seat unless there is no alternative:

During a collision, the force of an inflating airbag could seriously injure or kill the child. If it is unavoidable to install a forward-facing child restraint on the front passenger seat, move the seat as far back as possible. (If required, the front passenger airbag must be disabled via the vehicle's software switch.)(Airbag deactivation switch is not available in markets outside Europe.)



Do not allow a child or any occupant to lean towards or against the side window in a vehicle equipped with side and curtain airbags:

Permitting anyone to lean against the side window, the area around the front passenger seat, or the front and rear window pillars and the roof edge along both sides where the side and curtain airbags deploy is dangerous. Even when a child restraint system is in use. Inflation of side or curtain airbags may cause serious injury or death to children. Additionally, leaning against the door could obstruct the side and curtain airbags, negating their supplemental protection. Because the front seats are equipped with front airbags, seating children in the rear seat is always safer. Ensure a child does not lean against the side window, even when in a child restraint system.

Never use one seat belt to restrain more than one person at a time:

Using a single seat belt to restrain multiple occupants at once is extremely unsafe. The belt cannot distribute impact forces properly, potentially causing both occupants to be crushed together, leading to severe injury or death. Always ensure each occupant is properly restrained with a dedicated seat belt. Use the vehicle only after ensuring every occupant is properly restrained.

Essential Safety Equipment

Child Restraint

Only use the tether and tether anchor for a child restraint system:

Child restraint system anchorages are designed solely to handle the loads imposed by correctly installed child restraint systems. Under no circumstances should they be used for adult seat belts, harnesses, or for attaching other items or equipment to the vehicle.

Always remove the head restraint before installing a child restraint system (except when fitting a booster seat):

It is very dangerous if the head restraint is not removed, the child restraint system may not be installed correctly, potentially leading to serious injury or death in a collision.

CAUTION

A seat belt or child restraint system can become very hot in a closed vehicle during warm weather. To avoid burning yourself or a child, check them before you or your child touches them.

NOTE

- Your Mazda is equipped with ISOFIX anchor points for securing ISOFIX-compatible child restraint systems on the rear seats and the front passenger seat.
- Children weighing up to 18 kg (40 lb) (approximately 3 years of age) should ride in a recommended rear-facing child restraint system and in

an upright position.

▼ Proper Child Seating



Children under the age of 12 or shorter than 150 cm (5ft) must only sit in the rear seats and use child restraint systems.

If children exceed the size limit for child restraint systems and are over the age of 3, they must be secured using the vehicle's seat belts.

Never leave children unattended in the vehicle, as they could:

- Open doors, putting themselves and other road users in danger;
- Leave the car and disrupt traffic, or harm themselves;
- Operate vehicle controls, potentially causing accidents or injury.

Additionally, a closed vehicle can become dangerously hot, leading to serious injury or even death if children are unable to escape in time. Children are also at risk of harm from intruders entering the vehicle.

Essential Safety Equipment Child Restraint



WARNING

- Never leave children unattended in the vehicle.
- Infants must never be held or sit on the lap of any occupant while the vehicle is moving.
- Passengers and infants or two or more children are prohibited from using the same seat belt while the vehicle is moving.
- Check seat belts regularly, as children's movements may cause the belt to shift from its proper position.

Child Restraint Systems

Please use child restraint systems that comply with national safety standards.

When selecting and purchasing suitable child restraint systems, ensure they are appropriate for the child's height, age, and weight.

Please strictly follow the manufacturer's instructions for installing and using child restraint systems.

NEVER use a rear-facing child restraint on a seat protected by a front airbag unless the front passenger airbag deactivation switch is set to OFF! (if necessary, deactivate the front passenger airbag via the vehicle's software switch)(Airbag deactivation switch is not available in markets outside Europe).



WARNING

- The child restraint systems can be installed on the rear outboard seats or the front passenger seat (if the rear-facing child restraint system needs to be used on the passenger seat, deactivate the front passenger airbag via the vehicle's software switch). (Airbag deactivation switch is not available in markets outside Europe).
- The rear seatback must be locked before installing child restraint systems.
- After installing the child restraint system, shake it back and forth, and side to side, to check that it is

Essential Safety Equipment

Child Restraint

securely fixed. The movement of the system should not exceed 25 mm (1 in).

- Confirm that the child restraint system is securely fixed before each use.
- For child restraint systems fixed with three-point seat belts, ensure the seat belt passes through the child restraint system without twisting, and insert the tongue into the buckle.

WARNING

- Never place cushions or other objects under or behind the child restraint system.
- If the child restraint system is exposed to direct sunlight, the temperature of the seat belts and system may rise, potentially causing burns to infants. Always check the temperature of the seat cover and buckles before use.
- When not using the child restraint system, secure it with the child restraint system anchor points or seat belts, or remove it from the vehicle.
- If the safety protection system or its mounting has been damaged or subjected to load in an accident, please consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.

WARNING

- Child seats appropriate for the child's size and weight must be used.
- The ISOFIX anchors in the seat are only for ISOFIX child seats.
- Do not attach tether straps, non-ISOFIX child seats, or any other items to the ISOFIX anchors.

Essential Safety Equipment Child Restraint

Child-Restraint System Installation

▼ Categories of Child-Restraint Systems

NOTE

When purchasing, consult the manufacturer of the child restraint system to determine which type is suitable for your child and vehicle.

(European countries and those adhering to UN-R 44 and UN-R 129 regulations)

Child restraint systems are classified into five groups according to the UN-R 44 and UN-R 129 regulations.

Group	Age	Weight	Size Classification/Fixture (CRF)
0	Up to about 9 months old	Up to 10 kg (up to 22 lb)	ISO/L1
			ISO/L2
			ISO/R1
0+	Up to about 2 years old	Up to 13 kg (up to 29 lb)	ISO/R1
			ISO/R2
			ISO/R3
1	About 8 months to 4 years old	9 kg-18 kg (20 lb-40 lb)	ISO/R2
			ISO/R3
			ISO/F2
			ISO/F2X
2	About 3 to 7 years old	15 kg-25 kg (33 lb-55 lb)	-
3	About 6 to 12 years old	22 kg-36 kg (48 lb-79 lb)	-

(Australia or New Zealand)

Child restraint systems for Australia or New Zealand must conform to Standard AS/NZS1754/91 or later. Refer to your local state authority for the latest specification.

Essential Safety Equipment

Child Restraint

(Other countries)

Please ensure compliance with the legal requirements regarding the use of child restraint systems in your country.

NOTE

- The installation location depends on the type of child safety seat. Always refer to the manufacturer's instructions and this manual carefully.
- Given the differences in the design of child restraint systems, seats, and seat belts, no system is suitable for all seat positions. Before purchasing a child restraint system, it should be tested in the specific car seat where the child safety seat is intended to be used. If your previously purchased child safety seat system does not work, you may need to re-purchase a different, suitable child restraint system.

The recommended CRS are classified according to child stature, based on UN-R 129

Child Stature	CRS Manufacturer	CRS Model	Installation method	Installation orientation
40-83cm (1.3-2.7 ft)	Britax Römer	Baby Safe 3 i-Size	Belt mounted	Rearward facing
76-105cm (2.5-3.4 ft)	Britax Römer	Trifix2 i-Size	ISOFIX with top-tether	Forward facing
100-135cm (3.3-4.4 ft)	Britax Römer	Kidfix i-Size	ISOFIX with belt	Forward facing
100-150cm (3.3-4.9 ft)	Osann	Junior ISOFIX R129	ISOFIX with belt	Forward facing



When using the recommended child seat, the Britax Römer Kidfix i-Size, the XP pad accessory must be used. The seat belt should be threaded through the XP pad and the Secure Guard. For more details, please refer to the child seat manufacturer's product manual.

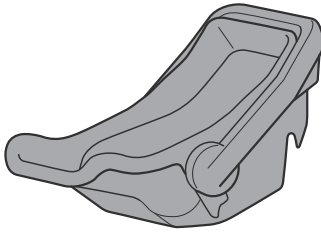
Essential Safety Equipment Child Restraint

▼ Child-Restraint System Types

In this owner's manual, explanation of child-restraint systems secured with seat belts is provided for the following 3 types of popular child-restraint systems: baby seat, child seat, junior seat.

Baby seat

Equal to Group 0 and 0+ of the UN-R 44 and UN-R 129 regulation.



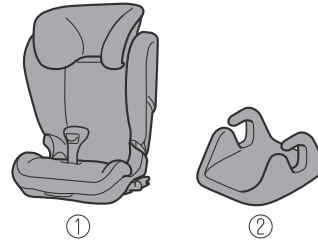
Child seat

Equal to Group 1 of the UN-R 44 and UN-R 129 regulation.



Junior seat

Equal to Group 2 and 3 of the UN-R 44 and UN-R 129 regulation.



1. Full booster seat
2. Booster seat without seatback

When using a booster seat, always install the vehicle head restraint to the seat where the booster seat is installed.

(Australia or New Zealand)

Child restraint systems for Australia or New Zealand must conform to Standard AS/NZS1754 or later.

(Other countries)

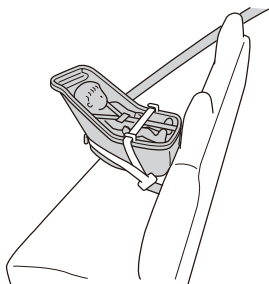
Please ensure compliance with the legal requirements regarding the use of child restraint systems in your country.

Essential Safety Equipment

Child Restraint

▼ Baby Seat Installation Position

A baby seat must only be installed in a rear-facing position.



WARNING

Always ensure the baby seat is installed in the correct seating position:

Installing a baby seat without first consulting the "Child-Restraint System Suitability for Various Seat Positions" table is hazardous. A baby seat installed in the wrong seat position cannot be securely fastened. In the event of a collision, the child may collide with objects or passengers inside the vehicle, resulting in serious injury or even fatality.

Never install a rear-facing child restraint system in a front passenger seat with an active airbag (if unavoidable, disable the front passenger airbag via the vehicle's software switch)(Airbag deactivation switch is not available in markets outside Europe):



Never install a rear-facing child restraint system in the front passenger seat with an active airbag unless the front passenger airbag deactivation switch is set to OFF. The child restraint system may be struck by the deploying airbag, causing it to be displaced.

A child in the child restraint system may suffer serious injury or fatality.

If your vehicle is equipped with a front passenger airbag deactivation switch, always set the switch to OFF when installing a rearward-facing child seat on the front passenger seat. Child restraint systems should preferably be installed on the rear seats; do not use them in the front passenger seat unless necessary.

▼ Child Seat Installation Position

A child seat is used in front-facing and rear-facing positions depending on the age and size of the child. When installing, follow the manufacturer's instructions in accordance with the appropriate age and size of the child as well as the directions for installing the child-restraint system.

Essential Safety Equipment Child Restraint

Rear-facing type



Always install a rear-facing child seat in the correct seat position:

Installing a rear-facing child seat without first consulting the table "Child-Restraint System Suitability for Various Seat Positions" is dangerous. A rear-facing child seat installed on the wrong seat position cannot be properly secured. In a collision, the child could hit something or someone in the vehicle and be seriously injured or even killed.

Never use a rear-facing child-restraint system on the front airbag-protected seat without the front passenger airbag deactivation switch set to OFF:

The child-restraint system can be hit by the deploying airbag and knocked out of position. A child in the child-restraint system could be seriously injured or killed.

If your vehicle is equipped with a front passenger airbag deactivation switch, always set the switch to OFF when installing a rearward-facing child seat on the front passenger seat. Child restraint systems should preferably be installed on the rear seats; do not use them in the front passenger seat unless necessary.

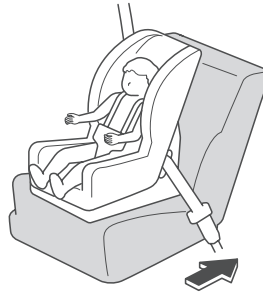


Front-facing type



Never install a front-facing child seat in the wrong seat position:

Installing a front-facing child seat without first consulting the table "Child-Restraint System Suitability for Various Seat Positions" is dangerous. A front-facing child seat installed in the wrong seat position cannot be properly secured. In a collision, the child could hit something or someone in the vehicle and be seriously injured or even killed.



Never install a rear-facing child-restraint system in a front passenger seat with an active airbag (if unavoidable, disable the front passenger airbag via the vehicle's software switch) (Airbag deactivation switch is not available in markets outside Europe):

In a collision, the force of a deploying airbag could cause serious injury or death to the child. If installing a front-facing child-restraint system on the front passenger seat is unavoidable,

Essential Safety Equipment

Child Restraint

move the front passenger seat as far back as possible (if necessary, the front passenger airbag must be disabled via the vehicle's software switch). Ensure the child-restraint system is securely tightened.

▼ Junior Seat Installation Position

A junior seat is used in the front-facing position only. We recommend the use of the junior seat with seatback to allow simple adjustment of the shoulder belt position and to give your child the best protection.



WARNING

Always install a junior seat in the correct seat position:

Installing a junior seat without first consulting the table "Child-Restraint System Suitability for Various Seat Positions" is dangerous. A junior seat installed on the wrong seat position cannot be properly secured. In a collision, the child could hit something or someone in the vehicle and be seriously injured or even killed.



Never use a rear-facing child-restraint system on the front passenger seat protected by an airbag front passenger airbag must be disabled via the vehicle's software switch:

(Airbag deactivation switch is not available in markets outside Europe):

In a collision, the force of a deploying airbag could cause serious injury or death to the child. If installing a front-facing child-restraint system on the front passenger seat is unavoidable, move the front passenger seat as far back as possible (if necessary, the front passenger airbag must be disabled via the vehicle's software switch).

Child-Restraint System Suitability for Various Seat Positions Table

▼ Child-Restraint System Suitability for Various Seat Positions Table

(Europe and countries conforming to the UN-R 16 regulation)

Provided information in the table shows your child-restraint system suitability for various seating position. For installation suitability of other manufacturer child-restraint system, carefully consult the manufacturer's instructions which accompany the child-restraint system.

When installing a child-restraint system, the following points must be observed:

- Always remove the head restraint before installing a child-restraint system. However, when installing a booster seat without seatback, always install the vehicle head restraint to the seat where the booster seat without seatback is installed. In addition, always use a tether strap and attach it securely.
- When installing a child-restraint system to the front passenger seat, adjust the seat slide position as far back as possible. Adjust the seat bottom (height adjustable seat bottom) to the highest position so that the seat belt can securely fasten the child-restraint system.
- When it is difficult to install a child-restraint system to the front passenger seat, or the seat belt cannot be secured to the child-restraint system, perform the following operations to adjust the seat holding the child-restraint system so that the seat belt can be secured completely to it.
 - Move the seat forward or back.
 - Move the seatback forward or back.
 - Move the seat upward or downward. (Vehicles with height adjustment function)
- When installing a child-restraint system to the rear seat, adjust the front seat position so that the front seat does not contact the child-restraint system.
- When installing a child-restraint system equipped with a tether, remove the head restraint.
- An i-Size child-restraint system refers to a child-restraint system which has acquired i-Size category certification for the UN-R 129 regulation.

Essential Safety Equipment

Child Restraint

When installing a child-restraint system to the rear seat, refer to the child-restraint system manufacturer's instructions and the Using ISOFIX Anchor

Seating position	Passenger				Rear (Left)	Rear (Centre)	Rear (Right)
	Airbag activated		Airbag deactivated				
	Europe	Other countries	Europe	Other countries			
Seating position suitable for universal belted (Yes/No)	Yes ¹	Yes ¹	Yes (U)	Yes (U)	Yes (U)	Yes (U)	Yes (U)
i-Size seating position (Yes/No)	Yes ¹	No	Yes	No	Yes (i-U)	No	Yes (i-U)
Largest suitable rearward facing fixture (R1)	No	No	Yes	No	Yes (IL)	No	Yes (IL)
Largest suitable rearward facing fixture (R2)	No	No	Yes	No	Yes (IL)	No	Yes (IL)
Largest suitable rearward facing fixture (R2X)	No	No	No	No	Yes (IL)	No	Yes (IL)
Largest suitable rearward facing fixture (R3)	No	No	No	No	Yes (IL)	No	Yes (IL)
Largest suitable forward facing fixture (F2)	Yes	No	Yes	No	Yes (IUF)	No	Yes (IUF)
Largest suitable forward facing fixture (F2X)	Yes	No	Yes	No	Yes (IUF)	No	Yes (IUF)
Largest suitable forward facing fixture (F3)	Yes	No	Yes	No	Yes (IUF)	No	Yes (IUF)
Largest suitable lateral facing fixture (L1)	No	No	No	No	No	No	No
Largest suitable lateral facing fixture (L2)	No	No	No	No	No	No	No
Largest suitable booster fixture (B2)	No	No	Yes	No	Yes (IUF)	Yes (U)	Yes (IUF)
Largest suitable booster fixture (B3)	No	No	No	No	Yes (IUF)	No	Yes (IUF)
Non i-size compatible with a support leg (Yes/No)	Yes ¹	No	Yes	No	Yes	No	Yes
Lower ISOFIX anchorages but without Top Tether (Yes/No)	No	No	No	No	No	No	No

Chart Symbols:

U = Suitable for "universal" category restraints approved for use in this mass group.

Essential Safety Equipment Child Restraint

UF = Suitable for forward-facing "universal" category restraints approved for use in this mass group.

IUF = Suitable for ISOFIX forward child restraints systems of universal category approved for use in the mass group.

L = Suitable for particular child restraints given on attached list. These restraints may be of the "specific vehicle", "restricted" or "semi-universal" categories.²

IL = Suitable for particular ISOFIX child restraint systems (CRS) given in the attached list. These ISOFIX CRS are those of the "specific vehicle", "restricted" or "semi-universal" categories.²

i-U = Suitable for i-Size "universal" Child Restraint Systems forward and rearward facing.

i-UF = Suitable for forward-facing i-Size "universal" Child Restraint Systems only.

Yes = Child-restraint system can be secured on the seat.

No = Child-restraint system cannot be secured on the seat, or there is no fixture.

X = Child-restraint system cannot be installed.

*1: Child restraint system can only be installed in the forward-facing position.

*2: A Mazda genuine child-restraint system can be installed.

(Other countries)

- Regarding child-restraint systems which can be installed to your Mazda, consult an expert repairer (we recommend an Authorised Mazda Repairer).
- A child-restraint system with a support leg cannot be installed on the rear centre seat position.
- Please comply with the legal regulations concerning the use of child-restraint systems in your country.
- For the CRS which do not carry the ISO/XX size class identification (A to G), for the applicable mass group, the child seat manufacturer shall indicate the vehicle specific ISOFIX child-restraint systems recommended for each position.

Essential Safety Equipment

Child Restraint

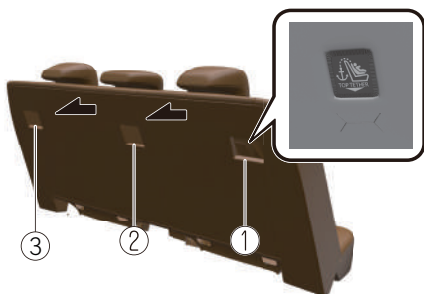
Installing Child-Restraint Systems

▼ Anchor Bracket

Anchor brackets for securing child-restraint systems are equipped in the vehicle. Locate each anchor position using the illustration. To install a child-restraint system, remove the head restraint. Always follow the instruction manual accompanying the child-restraint system.

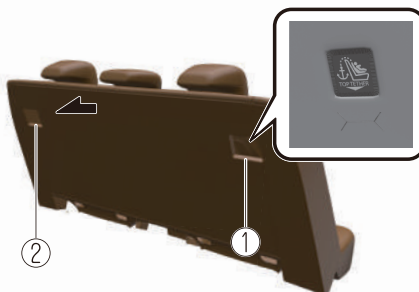
Anchor bracket location

Use the indicated anchor bracket locations when installing a child-restraint system equipped with a tether.



(Australia and New Zealand)

1. Right
2. middle
3. Left



(Other countries)

1. Right
2. Left

! WARNING

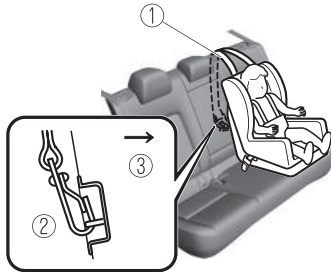
Always attach the tether strap to the correct tether anchor position:

Attaching the tether strap to the incorrect tether anchor position is dangerous. In a collision, the tether strap could come off and loosen the child-restraint system. If the child-restraint system moves it could result in death or injury to the child.

Always remove the head restraint before installing a child restraint system (except when fitting a booster seat):

Installing a child-restraint system without removing the head restraint is dangerous. The child-restraint system cannot be installed correctly which may result in death or injury to the child in a collision.

Essential Safety Equipment Child Restraint



1. Tether strap
2. Anchor bracket
3. Forward

Always install the head restraint and adjust it to the appropriate position after removing the child-restraint system:

Driving with the head restraint removed is dangerous as impact to the occupant's head cannot be prevented during emergency braking or in a collision, which could result in a serious accident, injury or death.

▼ Using the Seat Belt

When installing a child-restraint system, follow the installation instructions included with the product. In addition, remove the head restraint. However, when installing a booster seat, always install the vehicle head restraint to the seat where the booster seat is installed.

▼ Using ISOFIX Anchor



Follow the manufacturer's instructions for the use of the child-restraint system:

An unsecured child-restraint system is dangerous. In a sudden stop or a collision it could move causing serious injury or death to the child or other occupants. Make sure any child-restraint system is properly secured in place according to the manufacturer's instructions.

Ensure the child-restraint system is properly secured:

A child-restraint system that is not secured is dangerous. In a sudden stop or collision, it can become a projectile and hit someone, causing serious injury. When not in use, remove it from the vehicle, put it in the luggage compartment or at least ensure it is securely fastened to the ISOFIX anchors.

Make sure there are no seat belts or foreign objects near or around the ISOFIX anchor-secured child-restraint system:

Not following the child-restraint system manufacturer's instructions when installing the child-restraint system is dangerous. If seat belts or a foreign object prevent the child-restraint system from being securely attached to the ISOFIX anchors and the child-restraint system is installed improperly,

Essential Safety Equipment

Child Restraint

the child-restraint system could move in a sudden stop or collision causing serious injury or death to the child or other occupants. When installing the child-restraint system, ensure there are no seat belts or foreign objects near or around the ISOFIX anchors. Always follow the child-restraint system manufacturer's instructions.

1. First, adjust the front seat to allow clearance between the child-restraint system and the front seat. If the rear seats are tilted, return them to an upright position.
2. Ensure the seatback is securely latched by pushing it back until it is fully locked.
3. Remove the cover of the child-restraint system's ISOFIX anchors to verify the locations of the ISOFIX anchors.



1. ISOFIX anchor

NOTE

- The ISOFIX anchors marking on the cover indicates the position of the ISOFIX anchors for the attachment of a child-restraint system.
 - Store the removed cover so that it does not get lost.
4. Remove the head restraint. However, when installing a booster seat, always install the vehicle head restraint to the seat where the booster seat is installed.
 5. Secure the child-restraint system using the ISOFIX anchor, following the child-restraint system manufacturer's instruction.
 6. If your child-restraint system came equipped with a tether, that probably means it is very important to properly secure the tether for child safety. Please carefully follow the child-restraint system manufacturer's instructions when installing tethers.

Essential Safety Equipment Child Restraint

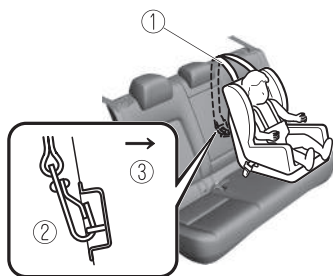
WARNING

Always attach the tether strap to the correct tether anchor position:

Attaching the tether strap to the incorrect tether anchor position is dangerous. In a collision, the tether strap could come off and loosen the child-restraint system. If the child-restraint system moves it could result in death or injury to the child.

Always remove the head restraint and set the tether strap (except when installing a booster seat):

Routing the tether strap on top of the head restraint is dangerous. In a collision the tether strap could slide off the head restraint and loosen the child-restraint system. The child-restraint system could move which may result in death or injury to the child.



1. Tether strap
2. Anchor bracket
3. Forward

Always install the head restraint and adjust it to the appropriate position after removing the child-restraint system:

Driving with the head restraint removed is dangerous as impact to the occupant's head cannot be prevented during emergency braking or in a collision, which could result in a serious accident, injury or death.

Front Passenger Seat ISOFIX Anchor

ISOFIX Label Location (Right-Hand Drive models are for the Europe market only)



ISOFIX is the standard anchoring system for installing specialized child restraint devices in the front passenger seat. ISOFIX-compliant child restraint anchor points are installed in the seat. The ISOFIX label helps you quickly locate the child restraint anchor points.

Essential Safety Equipment

Child Restraint

ISOFIX Top Tether Location (Right-Hand Drive models are for the Europe market only)

When installing a child-restraint system with a tether strap, please use the indicated hook locations.



ISOFIX Lower Anchor Location (Right-Hand Drive models are for the Europe market only)

The lower anchors are located at the junction of the seat cushion and seatback of the front passenger seat, fixed to the seat.



1. ISOFIX anchor

Essential Safety Equipment

Life Detection

Life Detection

▼ Life Detection

(Applicable to vehicle models in Europe, Australia, and New Zealand.)

Life Detection

In-vehicle life detection is achieved through the detection of micro-movements and breathing signals using the life radar. After the driver locks the vehicle and powers it down, if the life radar detects a living being inside the vehicle, the system will automatically activate a warning reminder for forgotten living beings inside the vehicle.

When the life detection function is turned off, there will be a pop-up window of "Life Detection Disclaimer". The life detection function can be turned off only after reconfirming that it is turned off.

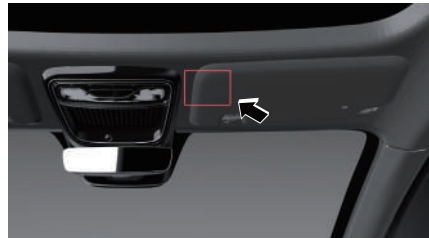
This function switch is enabled by default and can only be turned off once. After a single turn-off, it will automatically re-enable when the vehicle is powered on again. To turn the life detection function on or off, go to "Vehicle Centre → Safety → Life Detection" on the centre display.

NOTE

- This system detects vital signs such as breathing rate and micro-movements in living beings through radar. Although the system has been designed to minimize the impact of external and internal vehicle environment factors such as hanging objects and body vibrations, there may still be a certain probability of false alarms.

Life Presence Radar

- The front radar is located on the inner side of the ceiling next to the front map light, as shown in the figure below:



- The rear radar is located on the inner side of the ceiling in the middle of the rear seats, as shown in the figure below:

Essential Safety Equipment

Life Detection



Life Detection Alert

When the life detection function is enabled, the vehicle will immediately enter the detection state after locking and powering down. If it detects any personnel left inside the vehicle, it will immediately activate the alert function. If no living beings are detected within 3 minutes, the life detection will automatically exit. The alert function is divided into the following three stages:

- First stage: The vehicle will sound the horn for 10 seconds to alert the owner, and turn on the hazard lights for 1 minute. Simultaneously, a message will be sent through the cloud to the Mobile App: "Life form Detected in Your Vehicle, Please Attend to the Vehicle Immediately to Prevent Any Incidents";
- Second stage: If the vehicle door is not opened within 10 seconds after the first reminder, the system will enter the second stage. The vehicle will sound the horn for 20 seconds and keep the hazard lights on for 20 minutes. Additionally, a message will be sent again via the cloud to the Mobile APP: "Life form Detected in Your Vehicle, Please Attend to the Vehicle Immediately

to Prevent Any Incidents";

- Third stage: If the vehicle door has not been opened within 9 minutes after detecting life forms, the fully automatic climate control will be activated, set to 25°C, and switched to AUTO mode. A message will be sent via the cloud to the Mobile App: "To Ensure the Safety of the Person or Animal In the Vehicle, the Fully Automatic Climate Control Has Been Activated. Please Attend to the Vehicle as Soon as Possible".

WARNING

- The Life Detection Alert is only a security reminder auxiliary function, there is a possibility of detection reminder failure. Do not overly trust the Life Detection Alert.
- Do not leave a living person unattended in the car, Mazda will not be liable for any injury resulting from leaving a living person in the car.

WARNING

- When Camping Mode, Rest Mode, or Cabin Thermostat is activated, the life detection function will be disabled. Do not leave children unattended in the vehicle.

Essential Safety Equipment

Secondary Collision Reduction (SCR)

Secondary Collision Reduction (SCR)

▼ Secondary Collision Reduction(SCR)

Secondary Collision Reduction(SCR) comes standard on MAZDA 6e. In certain types of collisions, the vehicle's brakes are applied to help prevent or mitigate a secondary collision. To help avoid or mitigate a secondary collision, the brakes are applied automatically to help brake the vehicle to stop. The brake lights and hazard warning flashers will be activated and the flashers will remain on after the vehicle has come to a standstill. The electrical parking brake will then be applied automatically. In a situation where stopping the vehicle may not be desirable, you can override this operation by pressing the accelerator pedal. This feature can only operate when the braking system is sufficiently intact after the collision.

Essential Safety Equipment

SRS Air Bags

Supplementary Restraint System (SRS) Precautions

▼ Supplementary Restraint System (SRS) Precautions

The front and side Supplementary Restraint Systems (SRS) incorporate various types of airbags.

Please verify the various types of airbags fitted in your vehicle by checking the "SRS AIRBAG" location indicators.

These indicators are visible in the areas where the airbags have been installed.

The airbags are installed in the following locations:

- The steering wheel hub (driver airbag)
- The right side of the driver's seat (driver's far-side airbag)
- The front passenger instrument panel (front passenger airbag)
- The outer sides of the front seat backs (side airbag)
- The front and rear window pillars, and the roof edge along both sides (side airbag)
- The rear seats (rear curtain airbags)

The airbag supplementary restraint systems are designed to provide additional protection in certain situations, so seat belts remain crucial for the following reasons:

If seat belts are not used, airbags cannot provide adequate protection in the event of an accident. Using seat belts is essential to:

- Keep the occupant from being thrown into an inflating airbag.
- Reduce the possibility of injuries during an accident that is not designed for airbag inflation, such as rear impact.
- Reduce the possibility of injuries in frontal, near-frontal or side collisions that are not severe enough to activate the airbags.
- Reduce the possibility of being thrown from your vehicle.
- Reduce the possibility of injuries to lower body and legs during an accident because the airbags provide no protection to these parts of the body.
- Hold the driver in a position which allows better control of the vehicle.

A child who is too small to be secured by a seat belt must be properly restrained using an appropriate child restraint system

Carefully consider which child restraint system is appropriate for your child and follow the installation instructions in this Owner's Manual as well as the child restraint system manufacturer's instructions.

Essential Safety Equipment

SRS Air Bags

WARNING

Seat belts must be worn in vehicles equipped with airbags:

Relying solely on the airbags for protection during an accident is dangerous. Alone, airbags may not prevent serious injuries. The appropriate airbags are designed to deploy only in the event of a moderate to severe collision, such as frontal, near-frontal, or side impacts, or rollover accidents. Vehicle occupants should always fasten seat belts.

Children should not ride in the front passenger seat:

Placing a child, 12 years or under, in the front seat is dangerous. The child could be struck by a deploying airbag and suffer serious injury or even death. A sleeping child is more likely to lean against the door and be hit by the side airbag in a moderate collision to the front-passenger side of the vehicle.

Whenever possible, always secure a child 12 years and under on the rear seats with an appropriate child-restraint system for the child's age and size.

Extreme Hazard! Never use a rear-facing child restraint system on the front passenger seat with an airbag that could deploy (if necessary, the front passenger airbag must be disabled through the vehicle's software switch)(no airbag deactivation switch in Australia and

New Zealand markets):

Never use a rear-facing child restraint in a seat protected by an ACTIVE AIRBAG in front of it, as it may result in DEATH or SERIOUS INJURY to the CHILD.

Even in a moderate collision, the child restraint system can be struck by a deploying airbag and forcibly propelled rearwards, causing serious injury or death to the child. When using a rear-facing child restraint system, always set the front passenger airbag deactivation switch to the OFF position.



Do not sit too close to the driver's or front passenger's airbags:

Sitting too close to the driver or front passenger airbag modules, or placing hands or feet on them, is extremely dangerous. The driver and front passenger airbags inflate with considerable force and speed. Serious injuries could occur if someone is too close. The driver should always hold onto only the rim of the steering wheel. The front seat passenger should keep both feet on the floor. Front seat occupants should adjust their seats

Essential Safety Equipment

SRS Air Bags

as far back as possible and always sit upright against the seatbacks with seat belts worn properly.

Sit in the centre of the seat and fasten seat belts properly:

Sitting too close to the side airbag modules or placing hands on them, or sleeping up against the door or hanging out the windows is extremely dangerous. The side and curtain airbags inflate with great force and speed directly expanding along the door on the side the car is hit. Serious injury could occur if someone is sitting too close to the door or leaning against a window, or if rear seat occupants grab the sides of the front seatbacks. Allow the side and curtain airbags adequate space to deploy by sitting in the centre of the seat whilst the vehicle is moving with seat belts worn properly.

For example, you should not do any of the following as it may interfere with airbag deployment.

Do not attach objects on or around the area where airbags deploy:

Attaching objects to the airbags or placing items in the area where the airbags deploy is dangerous. In an accident, an object could interfere with airbag inflation and injure the occupants. Furthermore, the airbag could be damaged, causing the release of gases. Always keep the deployment area of the airbag modules free of any obstructions.

- Do not put a covering on or lean anything against areas such as the instrument panel and lower portion of the instrument panel that blocks the passenger front.
- Do not use seat covers on the front and rear seats equipped with in-seat side airbags.
- Do not hang any backpacks, bags or pouches that cover the sides of the seats that block the side airbags.
- Do not place any objects on the assist grips. Only hang clothes directly on the coat hooks.

Do not touch the components of the Supplementary Restraint System after the airbags have deployed:

Touching the components of the Supplementary Restraint System after the airbags have inflated is dangerous. Immediately after deployment, they are very hot. You could get burned.

Never install front-end equipment to your vehicle:

Installation of front-end equipment, such as a frontal protection bar (kangaroo bar, bull bar, push bar, or other similar devices), snowplough, or winches, on your vehicle is dangerous. The airbag crash sensor system could be affected. This could cause airbags to inflate unexpectedly, or it could prevent the airbags from inflating during an accident. Front occupants could be seriously injured.

Essential Safety Equipment SRS Air Bags

Do not modify the suspension system:

Modifying the vehicle's suspension system is dangerous. If the vehicle's height or the suspension is modified, the vehicle will be unable to accurately detect a collision resulting in incorrect or unexpected airbag deployment and the possibility of serious injuries.

Do not modify a front door or leave any damage unrepaired. Always have an expert repairer (we recommend an Authorised Mazda Repairer) inspect a damaged front door:

Modifying a front door or leaving any damage unrepaired is dangerous. Each front door has a side crash sensor as a component of the Supplementary Restraint System. If holes are drilled in a front door, a door speaker is left removed, or a damaged door is left unrepaired, the sensor could be adversely affected causing it to not detect the pressure of an impact correctly during a side collision. If a sensor does not detect a side impact correctly, the side and curtain air bags and the seat belt pretensioners may not operate normally which could result in serious injury to occupants.

Do not modify the Supplementary Restraint System:

Modifying the components or wiring of the Supplementary Restraint System is dangerous. You could accidentally activate it or make it inoperable. Do not make any modifications to the Supplementary Restraint System. This includes installing trims, badges,

or any other items over the airbag modules. It also includes installing extra electrical equipment on or near system components or wiring. An expert repairer (we recommend an Authorised Mazda Repairer) can provide the special care needed in the removal and installation of front seats. It is important to protect the airbag wiring and connections to ensure that the airbags do not accidentally deploy, and that the seats retain an undamaged airbag connection.

Do not place luggage or other objects under the front seats:

Placing luggage or other objects under the front seats is dangerous. The components essential to the Supplementary Restraint System could be damaged, and in the event of a side collision, the appropriate airbags may not deploy, which could result in death or serious injury. To prevent damage to the components essential to the Supplementary Restraint System, do not place luggage or other objects under the front seats.

Do not operate a vehicle with damaged airbag/seat belt pretensioner system components:

Expend or damaged air bag/seat belt pretensioner system components must be replaced after any collision which caused them to deploy or damage them. Only a trained expert repairer (we recommend an Authorised Mazda Repairer) can fully evaluate these systems to see that they

Essential Safety Equipment

SRS Air Bags

will work in any subsequent accident. Driving with an expended or damaged airbag or pretensioner unit will not afford you the necessary protection in the event of any subsequent accident which could result in serious injury or death.

Do not remove interior airbag parts:

Removing any components such as the front seats, front instrument panel, the steering wheel or parts on the front and rear window pillars and along the roof edge, containing airbag parts or sensors is dangerous. These parts contain essential airbag components. The airbag could accidentally activate and cause serious injuries. Always have an expert repairer (we recommend an Authorised Mazda Repairer) remove these parts.

Properly dispose of the airbag system:

Improper disposal of an airbag or a vehicle with live airbags in it can be extremely dangerous. Unless all safety procedures are followed, injury could result. Have an expert repairer (we recommend an Authorised Mazda Repairer) safely dispose of the airbag system or scrap an airbag equipped vehicle.

CAUTION

- When an airbag deploys, a loud inflation noise can be heard and some smoke may be released. Neither is likely to cause injury, however, the texture of the airbags may cause light skin injuries on body parts not covered with clothing through friction.
- If you sell your Mazda, we urge you to inform the new owner of its airbag systems and that familiarising themselves with all instructions relating to them, from the Owner's Manual, is important.
- This highly-visible label warns against the use of a rear-facing child restraint system on the front passenger seat. (no airbag deactivation switch in Australia and New Zealand markets)



Essential Safety Equipment

SRS Air Bags

- This prominent sign is a WARNING:
Do not lean against the door to
avoid death or serious injury from
the side airbag deployment.



Essential Safety Equipment

SRS Air Bags

Front Passenger Air Bag Deactivation Switch

▼ Front Passenger Airbag Deactivation Switch



Avoid deactivating the front passenger airbag unless absolutely necessary (no airbag deactivation switch in Australia and New Zealand markets):

Unwarranted deactivation of the front passenger airbag can be hazardous. If deactivated unnecessarily, the front passenger will forgo the additional protection provided by the airbag. Serious injury or even fatality may result. Except when installing a child restraint system on the front passenger seat, do not switch the airbag deactivation to the OFF position.

Turn the front passenger airbag function ON or OFF via the central display by selecting Vehicle Centre→ Safety→ Front Passenger Airbag.

Before installing a child restraint system on the front passenger seat, first deactivate the front passenger airbag by front passenger airbag deactivation switch.

When the power is switched on, after the screen finishes initialisation, there is no communication failure, and the soft switch of the front passenger airbag appears is not greyed out, indicating it is operable.

Essential Safety Equipment

SRS Air Bags



If any of the following conditions arise, have the front passenger airbag deactivation switch inspected by a qualified technician (we recommend an authorised Mazda repairer):

- When the power is switched on and the screen finishes initialisation, the front passenger airbag deactivation icon appears greyed out and unlit, indicating it is inoperable. A pop-up window also appears with a prompt.

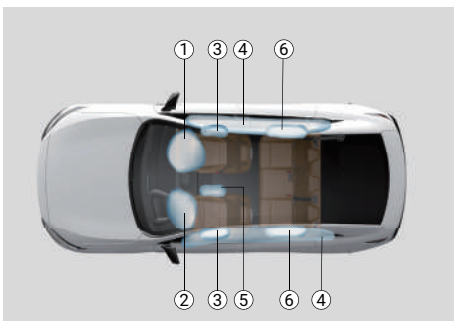
Essential Safety Equipment

SRS Air Bags

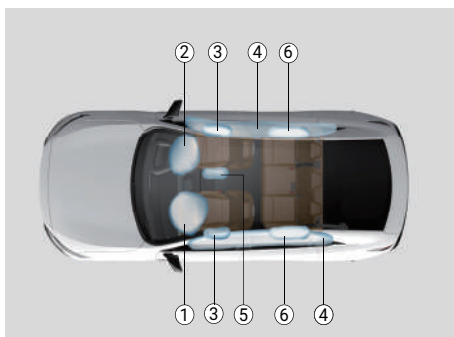
Supplementary Restraint System Components

▼ Supplementary Restraint System Components

(Left-Hand Drive Model)



(Right-Hand Drive Model)



1. Front Passenger Airbag
2. Driver Airbag
3. Side Airbag
4. Side Curtain Airbag
5. Driver Far-Side Airbag
6. Rear Curtain Airbag

How the SRS Air Bags Work

▼ How the SRS Air Bags Work

The airbag (AIRBAG) is part of the Supplemental Restraint System (SRS).

The airbag system is merely a supplementary protection device for seat belts and cannot replace them. Seat belts must always be fastened, the seat position adjusted, and proper posture maintained while driving.

In the event of a severe collision, the airbag deploys between the occupants and the interior components, forming a cushion that reduces injuries to the occupants.

⚠ WARNING

- The airbag is specifically calibrated for your vehicle model and cannot be arbitrarily replaced, as this may cause the system to malfunction.
- The entire airbag system must be replaced 10 years after the airbags deploy or the vehicle is put into service to ensure the system functions properly.
- Do not dismantle, modify, or damage the airbag and its related components, as these actions may cause the airbag system to malfunction. This could result in the system failing to provide the expected protection for driver and occupants in an accident or deploying unexpectedly, potentially

Essential Safety Equipment

SRS Air Bags

causing severe injuries or fatalities!

- If the airbag system malfunctions, contact professional service personnel (we recommend an Authorised Mazda Repairer) to inspect the vehicle to avoid accidental injury!

WARNING

- Airbag labels are present in all areas of the vehicle where airbags are installed. Do not place or attach any objects in the airbag areas.
- There should be no other people, pets, or objects between the person and the airbag.
- Do not smoke while driving (there is a risk of burns when the airbag deploys).
- Children 12 years old and under should sit in the rear seats and use child restraint devices.

▼ System overview

Airbags only function (and can deploy if necessary) when the vehicle is unlocked and powered on.

The airbag indicator light must be in normal status.

Whether airbags deploy is not necessarily related to the extent of vehicle damage, and airbag deployment is not conditional on the occurrence of a collision. In other words, airbags do not deploy in all collision situations. They deploy

based on a series of factors, including but not limited to: vehicle speed at impact, collision angle, and the overall deceleration of the vehicle during the collision.

If the vehicle collides with deformable or movable objects that can absorb impact force (such as guardrails, trees, etc.), the speed required for airbag deployment is higher than when colliding with fixed, non-deformable objects.

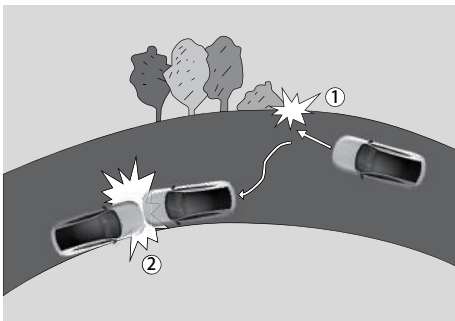
If the driver takes emergency braking measures before the vehicle collision, the collision intensity at the moment of impact may be lower than the airbag activation standard, resulting in non-deployment of the airbags.

In a single-vehicle continuous accident, airbags only deploy when the vehicle first meets the activation conditions. When a vehicle experiences consecutive collisions, airbags may not deploy during a minor accident (①) due to the lighter impact or insufficient intensity, but may activate during a subsequent strong impact (②) if the collision intensity reaches the airbag deployment standard.

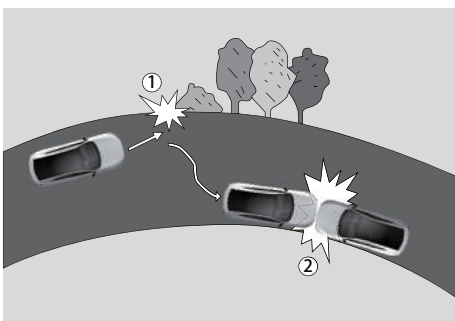
Essential Safety Equipment

SRS Air Bags

(Left-Hand Drive Model)



(Right-Hand Drive Model)



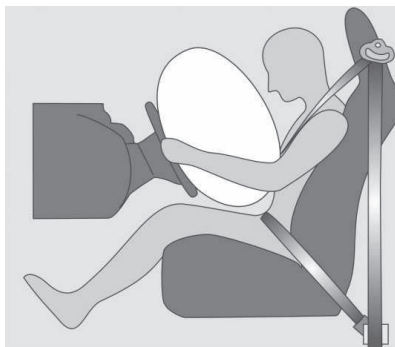
WARNING

- Please ensure the airbag system functions normally. If the airbag indicator light malfunctions, consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle. Failure to do so may result in airbags not deploying during a collision, leading to accident injuries.
- After the vehicle has been submerged in water or the passenger compartment has been flooded, have your vehicle

inspected by an expert repairer (we recommend an Authorised Mazda Repairer). This is to prevent airbag control unit malfunction, which could ultimately lead to unexpected airbag deployment or failure to deploy, causing accidents and personal injuries.

Seat Belt Pretensioners

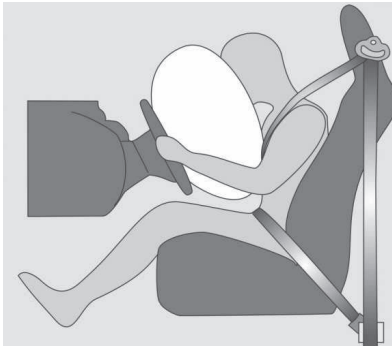
1. When a vehicle collision occurs, the sensor detects an impact exceeding a certain level and sends a signal to the airbag control unit, which determines whether deployment is necessary;
2. The airbag receives the deployment signal from the control unit, inflates and deploys, forming a cushioning airbag between the occupant and interior components;



3. The airbag absorbs collision energy, assisting the seat belt in protecting the occupant's head and upper body, reducing occupant injury;

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4. The gas in the airbag is quickly released, mitigating the impact on the passenger.

WARNING

- When airbags deploy, they produce a loud noise and release some smoke. This is caused by the detonation of the gas generator in the airbag and is not abnormal.
- Although this smoke is non-toxic, it may cause respiratory discomfort. Windows should be opened immediately to maintain air circulation, and powder adhering to eyes and skin should be washed off as soon as possible.
- After the airbag system deploys, airbag components will become very hot. Avoid touching these areas or corresponding parts. If contact with residue occurs, immediately rinse with plenty of water to prevent allergic reactions.

- Airbags inflate at very high speeds and deploy with strong force, which may cause certain injuries. These injuries may include surface abrasions, bruises, and fractures.
- Airbags are single-use products. When a collision occurs and the airbags deploy, they must be replaced.

Airbag Indicator Light

The airbag indicator light is red.



When the vehicle is unlocked and powered on, the airbag indicator light illuminates for approximately 3-5 seconds before turning off. Under normal operating conditions, the airbag indicator light remains off.

Driver Airbag

The driver airbag warning label is on both sides of the front passenger sun visor. Please read it carefully.

The driver airbag is installed inside the steering wheel, with an "AIRBAG" label on the airbag cover. It deploys when a frontal collision occurs and meets deployment conditions.

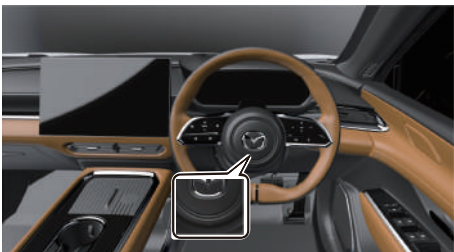
Essential Safety Equipment

SRS Air Bags

(Left-Hand Drive Model)



(Right-Hand Drive Model)



Front Passenger Airbag

The front passenger airbag is installed inside the dashboard above the glove box, with "AIRBAG" engraved on the dashboard. It deploys when a collision occurs and meets deployment conditions.

⚠ WARNING

- It is prohibited to install a rear-facing child restraint system on the front passenger seat or to seat children under 150 cm (5 ft) in height or under 12 years of age. Airbag deployment can cause injury to children.
- While the vehicle is in motion, passengers must maintain correct

seating posture and not rest their feet or legs on the dashboard. Do not use the front passenger airbag cover as a storage shelf.

- Please keep the entire dashboard and windscreen area clear of obstructions. Do not use sun shades or other coatings for coverage, and do not install mounts for devices such as navigation or mobile phones, or any decorative items.

Side Airbags

The side airbag warning label is on the front door sill. Please read it carefully.

Side airbags are installed inside the seat seatback, with an "AIRBAG" label sewn on the side of the seatback. They deploy when a side collision occurs and meets deployment conditions, forming a cushioning airbag between the occupant and interior components to provide side protection for the occupant's chest.



Essential Safety Equipment SRS Air Bags

WARNING

- Do not install seat covers or cushions on seats equipped with side airbags, or replace the seat fabric without authorisation. This may prevent the airbags from deploying normally or cause unexpected deployment, resulting in injury!
- Do not hang items such as coats on the seatback.

Side Curtain Airbags

Side curtain airbags are installed in the vehicle body side trim panel and headliner, with an "AIRBAG" label near the headliner on the B-pillar. They deploy when a side collision occurs and meets deployment conditions, forming a cushioning air bag between the occupant and the side of the vehicle to protect the occupant's head.



WARNING

- It is prohibited for drivers and passengers to lean their heads or bodies against the curtain/curtain deployment area on the window.
- Do not place any objects between the seatback and the door.

Far-Side Airbag

The far-side airbag is installed inside the seat seatback, with an "AIRBAG" label sewn on the right side of the seat seatback. It deploys when a side collision occurs and meets deployment conditions.

Main function: Configured as a front row far-side airbag, it increases separation between the driver and front passenger during a collision, providing better head protection for occupants.



Rear Curtain Airbag

Rear curtain airbags are installed inside the seatback, with "SRS AIRBAG" labels sewn on both sides of the seatback. They deploy when a side

Essential Safety Equipment

SRS Air Bags

collision occurs and meets deployment conditions, forming a cushioning airbag between the occupant and the door to provide side protection for the occupant's chest.



Essential Safety Equipment

SRS Air Bags

SRS Air Bag Deployment Criteria

▼ SRS Air Bag Deployment Criteria

The following conditions belong to laboratory standard collision test conditions. This chart indicates the applicable SRS equipment that will deploy depending on the type of collision.

(The illustrations are the representative cases of collisions.)

SRS equip- ment	Types of collision		
	A severe frontal/near frontal collision	A severe side collision	A rear collision
			
			
			

Essential Safety Equipment

SRS Air Bags

SRS equipment	Types of collision		
	A severe frontal/near frontal collision	A severe side collision	A rear collision
Front seat belt pretensioner	X	X	No air bag and seat belt pretensioner will be activated in a rear collision.
Rear seat belt pretensioner	X	X	
Driver air bag	X	—	
Front passenger air bag	X*1	—	
Side airbag for driver and front passenger (inboard)	—	X	
Side air bags for driver and front passenger (outboard)	—	X(impact side only)	
Side air bags for rear passengers	—	X(impact side only)	
Curtain air bag	—	X(impact side only)	

Chart symbols:

X: The SRS airbag equipment deploys in a collision.

—: The SRS airbag equipment does not deploy in a collision.

*1: The front passenger airbag is designed to deploy depending on the status of the front passenger airbag deactivation switch.

NOTE

In a frontal offset collision, the equipped side airbags and curtain airbags may deploy depending on the direction, angle, and rate of impact.

Essential Safety Equipment SRS Air Bags

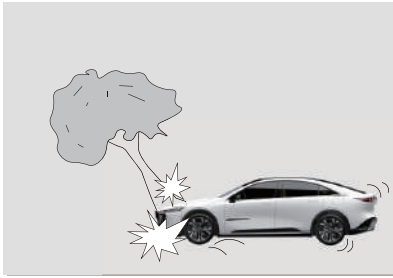
Limitations to SRS Air Bag

▼ Limitations to SRS Air Bag

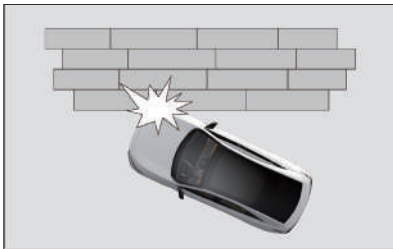
Limitations to front/near front collision detection:

The following illustrations are examples of front/near front collisions that may not be detected as severe enough to deploy the SRS airbag equipment.

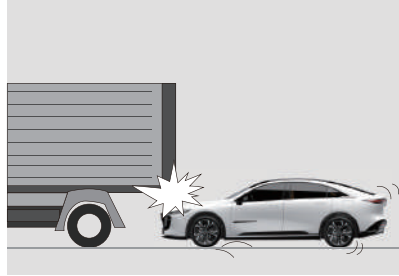
1. Impacts involving trees or poles:



2. Frontal offset impact to the vehicle



3. Rear-ending or running under a truck's tail gate



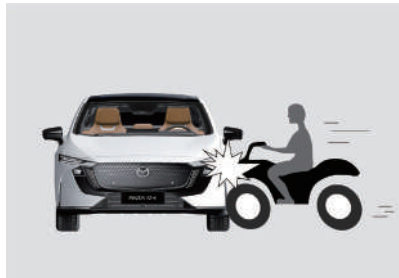
Limitations to side collision detection:

The following illustrations are examples of side collisions that may not be detected as severe enough to deploy the SRS airbag equipment.

1. Side impacts involving trees or poles:



2. Side impacts with two-wheeled vehicles:



Essential Safety Equipment

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3. Roll-over



Use of various features, including keys, doors, mirrors and windows.

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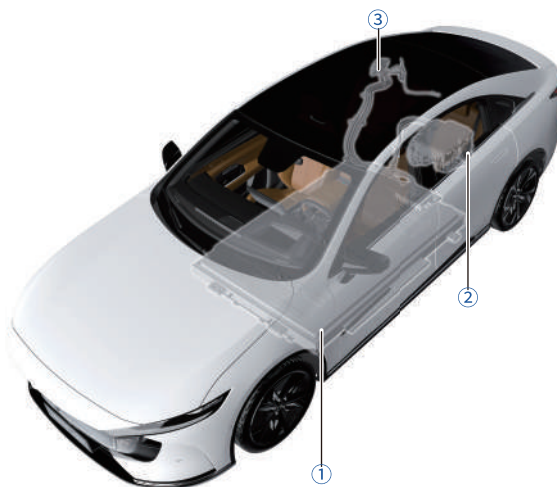
Electric Vehicles

▼ Electric Vehicles

The Electric vehicle uses electricity to power the vehicle. This model uses a drive motor as its power source, with the drive motor powered by a high-voltage battery mounted underneath the cabin.

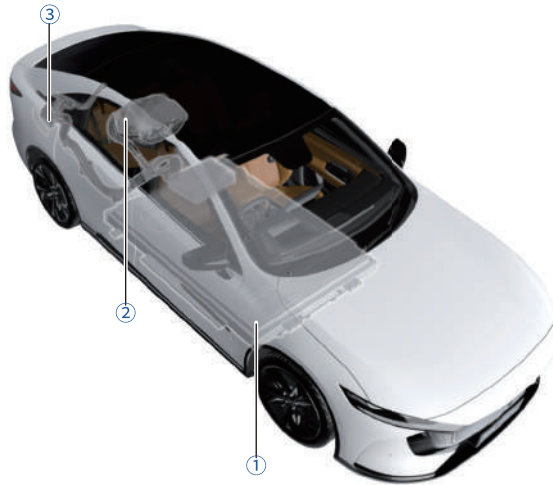
▼ Electric Vehicles Overview

(Left-Hand Drive Model)



Before Driving Electric Vehicles

(Right-Hand Drive Model)



1. High-Voltage Battery
2. Electric Drive System Assembly
3. Charge Port

Regenerative Braking

Regenerative braking uses the motor to decelerate the vehicle. When the wheels decelerate, they drive the motor, and the generated electrical energy is stored in the high-voltage battery.

NOTE

- The vehicle should be charged and discharged every 2 to 3 months because the high-voltage battery gradually discharges when the vehicle is not driven for an extended period. If the high-voltage battery is fully discharged, the vehicle will not start. Please contact an expert repairer; we recommend an Authorised Mazda Repairer.
- The life of the high-voltage battery varies depending on the vehicle's storage conditions or driving conditions.

Before Driving Electric Vehicles

▼ High-Voltage Precautions

⚠ WARNING

Be very careful of high voltage areas. In addition, do not disassemble, modify, or remove any high voltage parts:

Certain components in electric vehicles pose potential safety risks. These components are marked with warning labels. It is strictly forbidden to touch these components during operation, as there is a risk of electric shock.

Be very careful of high temperature areas:

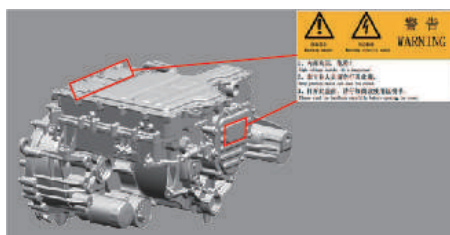
Always follow the instructions on the labels inside the motor compartment. After driving, the motor temperature may be high.

Do not open the bonnet while the EV system or climate control timer is operating or during timer charging, normal charging, or fast charging:

The cooling fan in the motor compartment may rotate suddenly and your hand, clothes, or accessories may touch the fan or become caught, resulting in serious injury or death.

▼ Electric Drive System Assembly

The controller service cover and the motor junction box cover of the electric drive system assembly have the following warning labels on their surfaces separately.



▼ High-Voltage Cable Colour Coding

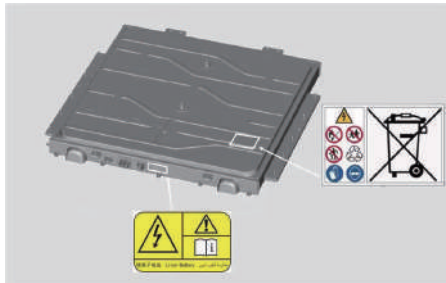
High-voltage cables inside the vehicle are marked with orange colour for identification.

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▼ High-Voltage Battery Assembly

The surface of the high-voltage battery assembly has the following warning labels.



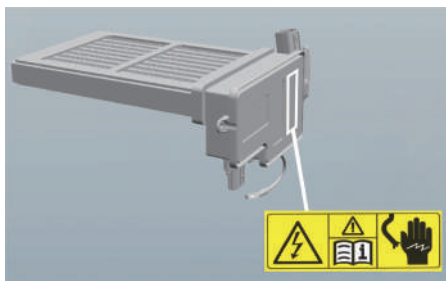
⚠ CAUTION

- ▶ The high-voltage battery assembly is located at the bottom of the vehicle. Drive carefully on rough roads to avoid damaging the battery by scraping or hitting the underside.
- ▶ To ensure the lifespan and safety of the high-voltage battery assembly, the charging current will be adjusted based on the current charge level and battery temperature, which may affect the charging time.
- ▶ The power range may vary depending on driving habits, road conditions, temperature, and whether the vehicle's electrical systems are in use, even when the high-voltage battery assembly is functioning normally.
- ▶ Due to the chemical characteristics of the high-voltage battery assembly, its capacity will naturally decrease over time, leading to a reduction in power range. This is a normal phenomenon. If you notice a significant reduction in the power range, consult a qualified service technician (Mazda Authorised technicians are recommended) for an inspection.

Before Driving Electric Vehicles

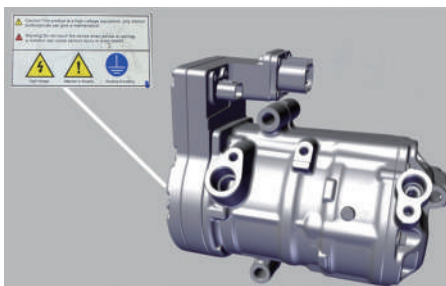
▼ Electric Heater Assembly

The electric heater assembly has the following label on its surface.



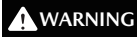
▼ Compressor Assembly

The surface of the compressor assembly has the following warning labels.



Charging and Discharging

▼ Cautions Concerning Charging



For occupants who use any medical device such as an implanted-type heart pacer or defibrillator, ask a doctor or manufacturer of the device about how the medical device may be affected by the charging operation:

Otherwise, the operation of the medical device could be affected resulting in an accident.

Passengers who use medical device such as an implanted-type heart pacer or defibrillator are not allowed to enter the cabin, including the luggage compartment while charging:

Otherwise, the operation of the medical device could be affected, resulting in an accident.

Do not disassemble or modify the charge port and the charger:

Otherwise, it could lead to an electrical shock resulting in an accident.

Always heed the following when charging:

Otherwise, it could lead to an electrical shock resulting in an accident.

- Never allow children to charge the high voltage battery.
- Do not charge the high voltage battery while the vehicle is covered with a car cover.

Always heed the following when charging in the rain or snow:

Otherwise, it could lead to an electrical shock resulting in an accident.

- Do not charge the high voltage battery outside if there is the possibility of heavy rain, strong winds, or lightning.
- Remove water with a clean cloth if the charge connector or charge plug is wet.
- Do not touch the charge port or charging cable with wet hands.
- If the outlet is covered with snow while charging, turn off the power such as turning off the breaker, remove the snow, and then remove the charge plug.

Do not use the charger if it has any of the following malfunctions:

Otherwise, it could lead to an electrical shock resulting in an accident.

Before Driving Electric Vehicles

- The charge connector is rusted or corroded.
- The charge connector is damaged or foreign matter penetrates the charge connector.

Refer to the instruction manual accompanying the charger and use the charger correctly:

If you handle the charger incorrectly, it could result in an unexpected accident.

Always heed the following when using the charger:

Otherwise, the charger could be damaged resulting in an accident.

- Do not pull out or bend the charger excessively.
- Do not step on the charge lead or drag it on the ground.
- When inserting/pulling out the charge connector and the charge plug, do not twist them excessively.
- Do not apply excessive force to the connected charge connector such as by applying your weight.
- Keep objects which generate intense heat (such as a heater or cigarette) away from the charger.
- Do not apply organic solvents, acid or alkaline agents to the charger.

CAUTION

- Do not connect the booster lead to the lead-acid battery or remove the lead-acid battery while charging the high voltage battery. Otherwise, the vehicle or charging device could be damaged.
- If the charge connector is removed after the charging is finished, close the charge port cap immediately. If the charging lid is closed with the charge port cap open, water or foreign matter may enter the charge port causing a malfunction.
- Always ensure that the charger is not connected to the vehicle before driving. Because the vehicle can be driven even while the charge connector is not connected completely, it could result in an accident.
- If the charge port is frozen shut, defrost the inlet using a hair dryer. If the charger is inserted/pulled out with the charge port frozen, it could cause damage.

Before Driving Electric Vehicles

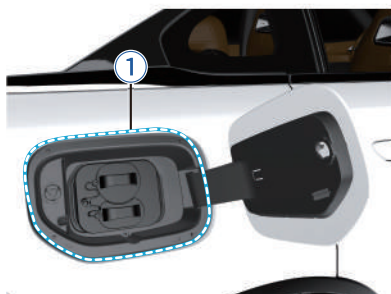
NOTE

- Normal charging and fast charging cannot be performed at the same time.
- The navigation system and the air conditioning system can be used even while charging. However, the charging time increases because electrical power is consumed. In some cases, power consumption may exceed the charged amount and charging may not finish.
- Do not overdischarge the power battery, which will shorten the power battery life. If the battery is low, please charge it in time.
- If DC charging stations are used for fast charging for a long time, it may affect the service life of the power battery. If you often need to use the DC charging station (fast charging), we recommend alternating between normal charging modes to slow down the degradation of the power battery service life.

Before Driving Electric Vehicles

▼ Preparation Before Charging

This vehicle is driven by consuming the electrical power stored in the high voltage battery. Therefore, it is necessary to charge the high voltage battery. The parts related to charging are located in the following positions.



1. Charge port

Charge connector

The charge connector is connected to the power supply and the vehicle to send electrical power to the vehicle. For details regarding the charge connector, refer to the instruction manual accompanying the charge connector.

The component parts of the charge connector are as follows.

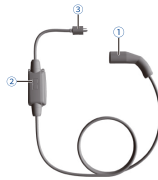
(Type A: For use at charging stations)



1. Charge connector

Before Driving Electric Vehicles

(Type B: For home use)



1. Charge connector
2. Control box
3. Charge plug

Charge connector (Type A)

The charge connectors are used for connecting the charging equipment to the normal charge port.

(Type B)

The charge connector is used for connecting to the normal charge port.

When the charge connector is connected to the normal charge port, the vehicle system will lock the charge connector after the vehicle is locked or charging starts.

When the charge connector is locked by the vehicle system, it unlocks when the driver's door is unlocked.

If the charge connector locked by the vehicle system is not unlocked even though the driver's door is unlocked, consult an expert repairer (we recommend an Authorised Mazda Repairer).

Control box (Type B)

The control box indicates the charge status by turning on/flashing the indicator light. For the indicator light illumination/flash pattern, refer to the instruction manual accompanying the charge lead.

Charge plug (Type B)

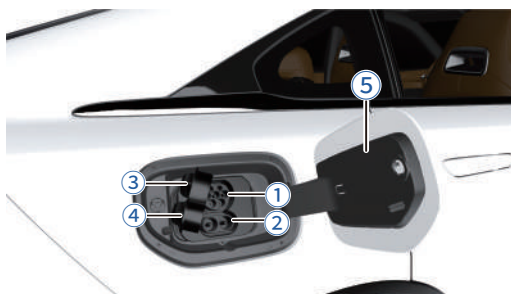
The charge plug is the part for connecting to the power supply.

Before Driving Electric Vehicles

Charge port

The charge port refers to the area where the charge connector is connected.

The component parts of the charge port are as follows.



- 1. Normal charge port
- 2. Fast charge port
- 3. Normal charge port cap
- 4. Fast charge port cap
- 5. Charge lid

Normal charge port

The normal charge port is the part to which the connector of the charge connector is connected. This is used for normal charging.

Fast charge port

The fast charge port is the part to which the connector of the fast charger is connected. This is used for fast charging.

Charge lid

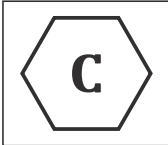
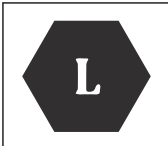
The charge lid is locked/unlocked in conjunction with the door locking/unlocking mechanism. When unlocking the driver's door, the charge lid is unlocked. When locking the driver's door, the charge lid is locked.

However, if the driver's door is unlocked using the mechanical key, the charge lid is not unlocked.

Before Driving Electric Vehicles

Identifier

Check the following identifiers and connect the charge connector.

Supply type	Standard	Configuration	Type of accessory	Voltage range	Identifier*1
AC	EN 62196-2	TYPE 2	Vehicle connector and vehicle inlet	≤ 480 V RMS	
AC	EN 62196-2	TYPE 2	Plug Socket outlet	≤ 480 V RMS	
DC	EN 62196-3	FF	Vehicle connector and vehicle inlet	50 V to 500 V	
				200 V to 920 V	

*1 Some charge connectors may not have an identifier.

Before Driving Electric Vehicles

▼ Charging

Charging type

There are two methods of charging the high voltage battery, normal charging and fast charging.

We recommend that you use normal charging as the preferred charging method as this will help to keep the high voltage battery in optimal condition and maintain a long battery life.

The exact charging time depends on various conditions at the time of charging, such as the type of charger, battery condition, charging patterns, as well as the battery temperature and ambient temperature. In cold weather conditions, both the battery and ambient temperature will affect the required charging time, and in certain situations, this may lead to a significant increase in the charging time.

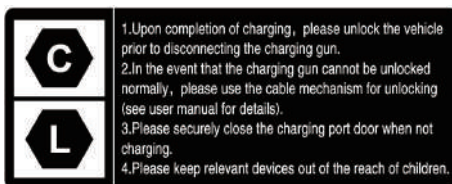
⚠ WARNING

Always heed the following when using a fast charger:

Otherwise, it could lead to an accident.

- Do not use a charge lead which is too long.
- if a charge lead is too long this may cause the vehicle fail to charge.

Please check the warning label on the charge lid before charging.

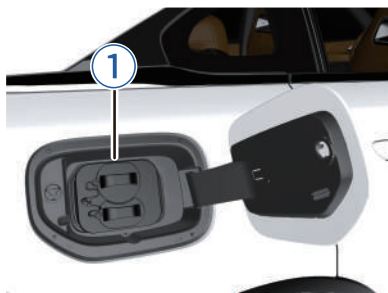


▼ How to perform normal charging

1. Shift the electric column shift to the P position.
2. Power off the vehicle.
3. Press the location shown in the figure to open the charge lid.

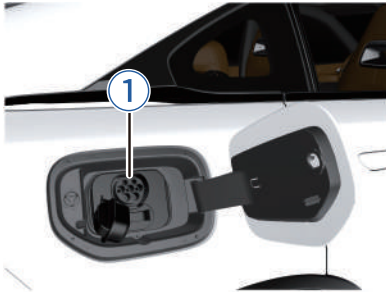


4. Open the normal charge port cap.



1. Normal charge port cap
5. Connect the charge plug to the outlet.

Before Driving Electric Vehicles



1. Normal charge port

6. Connect the charge connector to the normal charge port. Charging starts after connection is completed.

Ensure to lock all the doors before leaving the vehicle while charging.

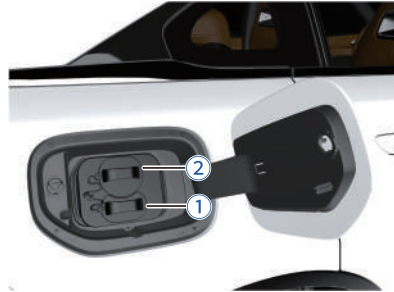
7. When charging is finished, remove the charge connector.
8. Close the normal charge port cap.
9. Close the charge lid.
10. Remove the charge plug from the power supply.

How to perform fast charging

1. Shift the electric column shift to the P position.
2. Power off the vehicle.
3. Press the location shown in the figure to open the charge lid.



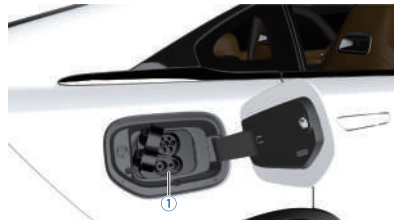
4. Open the fast charge port cap and normal charge port cap.



1. Fast charge port cap

2. Normal charge port cap

5. Connect the charge connector of the fast charger to the fast charge port.



1. Quick charge port

6. Operate the fast charger to start charging.

Ensure to lock all the doors before leaving the vehicle while charging.

CAUTION

When operating a fast charger, always use the charger according to its instructions. If the fast charger is operated incorrectly, the fast charger or vehicle could be damaged.

Before Driving Electric Vehicles

7. When charging is finished, remove the charge connector.
8. Close the fast charge port cap and normal charge port cap.
9. Close the charge lid.

Ensure to lock all the doors before leaving the vehicle.

▼ Connecting the Charge Connector

Insert the normal charge connector into the normal charge port.



1. When using a Type B AC household charging connector, first insert the power plug into the socket (the socket must be earthed, otherwise charging will not be possible), then insert the normal charging connector.
2. When using a Type A charging connector, first insert the charger-end connector, then insert the vehicle-end connector; After charging is completed, first unplug the vehicle-end connector, then unplug the charger-end connector.

AC charging: Unlock the charging gun setting after charging.

Unlocking methods of AC charging gun:

1. Unlock the vehicle with the key;
2. Turn on the proximity unlocking icon on the centre display, and unlock the vehicle when the key is near the vehicle;
3. Unlock the vehicle via APP remote control;
4. Unlock the vehicle via centre display (unlocking switch on driver armrest);
5. Unlock the vehicle with mobile phone Bluetooth key;
6. During charging, click the "End Charging" icon on the centre display;
7. Turn on the full-charge unlocking icon on the head unit. When the AC charging stops at 100%, the electronic lock of the charging gun will automatically unlock.

Before Driving Electric Vehicles

Fast Charging

Unlock the vehicle, press the charge lid to open it, and remove the sealing charge caps from both the normal charge port and the fast charge port.

Connect the charge connector



Insert the fast charge connector fully into the DC charge port until it locks into place.

▼ Starting Fast Charging

At the charging station, swipe your card or scan the QR code to start charging (skip this step for AC home charging).

Confirm Charging Status

- The instrument panel icon  (red) lights up;

▼ Ending Fast Charging

Stop the charging session at the charging station. Once the station unlocks the charge connector, you can remove the fast charge connector and close the charge port caps and charge lid.

NOTE

- If everything appears to be correct but charging is still not possible, please consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.
- If the battery temperature is too high or too low, the charging time will be extended to protect the battery.
- Do not discharge the high voltage battery excessively; otherwise, the life of

Before Driving Electric Vehicles

the high voltage battery will be shortened. If the battery is low, please charge it in time.

- If DC charging stations are used for fast charging for a long time, it may affect the service life of the high-voltage battery. If you often need to use the DC charging station (fast charging), we recommend alternating between normal charging modes to slow down the degradation of the high-voltage battery service life.

NOTE

1. Before charging, ensure the charge port is dry and free of foreign substances (e.g. water, debris). Open the charge port and carefully inspect the vehicle's charge port and the charge connector, ensuring they are clear of any foreign objects.
2. After charging is complete, seal the charging socket cover to prevent water droplets or foreign objects from entering the exposed charge port.
3. If you need to start the vehicle during charging, first stop fast charging, wait for the charge connector to unlock, and then remove the charge connector before starting the vehicle.
4. In rainy or snowy weather, avoid charging outdoors to prevent ice-water mixtures from clogging the charge port drainage area, which could lead to ice buildup in the charge port and affect the insertion and removal of the charge connector.

▼ Charging Current Settings

1. The charging current limit is set to 32A by default. If you are concerned that the load capacity of your household electrical circuit may be insufficient, you can adjust the charging current setting via the centre display by going to "Vehicle Centre → Energy Mgmt → Charging Current Limit".
2. The charging current limit setting only applies to normal charging.
3. After changing the charging current limit setting, the vehicle will remember the location. If you charge at the same location again, you will not need to reset it.

Before Driving Electric Vehicles

NOTE

1. When using a household outlet to connect the charge connector, it is recommended to use a power outlet rated at 16A or higher to avoid overheating the circuit.
2. Do not set the charging current higher than the maximum available current for the connected charging cable.
3. The actual charging current may be affected by grid fluctuations or the grid's load capacity, which may prevent it from reaching the set limit and could impact charging efficiency.

▼ Power Discharge

Power on the vehicle, shift into Park (P), and connect the discharge cable. The vehicle will then provide external AC power. If the battery level becomes too low, the vehicle will automatically stop discharging.

Operating Procedures:

Step 1: Park the vehicle in a well-ventilated area, power on the vehicle and shift into P gear.

Step 2: Open the charging port lid.

Step 3: Insert the V2L discharge connector into the vehicle's charging port.

Before Driving Electric Vehicles



Step 4: Please ensure the V2L (Vehicle-to-Load) function is activated in your vehicle (by selecting Vehicle Centre → Energy Mgmt → Vehicle-to-Load on the centre display).

Step 5: You can set the minimum battery percentage for V2L (Vehicle-to-Load) power drawn from your vehicle's traction battery via the centre display.

Step 6: Insert the plug of your electrical appliance, device, or charger into the V2L (Vehicle-to-Load) discharge connector to begin usage.

Step 7: To stop discharging, simply unplug your appliance, device, or charger from the V2L discharge connector. To unlock the V2L discharge connector, first press the unlock switch on your smart key, then remove the V2L discharge connector.

Before Driving Electric Vehicles



CAUTION

- Do not touch the power strip sockets while the vehicle is discharging.
- Do not touch the plug with wet hands.
- Keep children away from the device.
- Do not use the device if the discharge lead is worn, the insulation is damaged, or if there are other visible issues.

Before Driving Electric Vehicles

Emergency Unlock of Charge Connector

▼ Emergency Unlock of Charge Connector

After AC or DC charging is completed, if the charging plug still cannot be pulled out by pressing the unlock button, the emergency unlock cable can be used to release the plug.

⚠ CAUTION

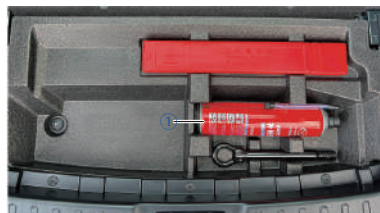
- After releasing the plug with the emergency unlock cable, the cable must be reset immediately. If it is not reset, it may cause the vehicle to fail to charge or cause other malfunctions.
- The emergency unlock cable can only be used in emergency situations and cannot be used as a regular unlocking method. Long-term use will cause the charging port unlocking mechanism to fail.
- After the emergency unlocking of the charging plug is completed, immediately contact professional technicians for inspection and repair. It is recommended to go to an Authorised Mazda Repairer for handling.

Manual unlocking procedure for charging plug:

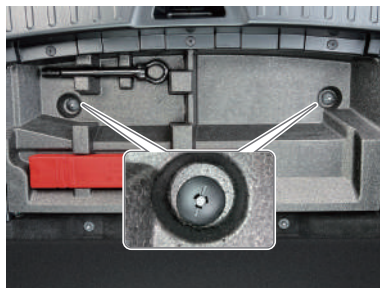
1. Open the luggage compartment;
2. Remove the mat.



3. Take out the tyre repair sealant ①.



4. Turn the fastener counterclockwise to remove it (to reinstall, simply press to lock), and take out the tool kit.



5. Pull the cable to unlock the charge connector.

Before Driving Electric Vehicles



Micronuclear High-Frequency Pulse Heating

▼ Micronuclear High-Frequency Pulse Heating

When Micronuclear High-Frequency Pulse Heating is activated, the high-voltage battery will quickly heat up, enhancing the vehicle's performance in low temperatures and improving the driving experience in cold conditions.

▼ Function Activation

When the high-voltage battery is below a certain temperature and the charge level is sufficient, the high-frequency pulse heating can be activated under the following conditions:

After the vehicle is unlocked, powered on, and the door is opened to take a seat, the pulse heating function will automatically start.

▼ Function Exit

During the pulse heating process, you can exit the function by performing the following actions:

1. Press the brake pedal to exit;
2. Exit by powering down the vehicle and locking it;
3. The vehicle will automatically exit when the high-voltage battery reaches a higher temperature or if the battery charge falls below a certain level.

Before Driving Electric Vehicles

NOTE

- The pulse heating function can only operate when the battery temperature is below a certain level and the battery has sufficient charge. The pulse heating process takes 5 minutes, with lower initial battery temperatures requiring longer heating times.
- The pulse heating function will generate noise during normal operation. To avoid impacting the driving experience, please wait until pulse heating is complete before shifting into gear. Pulse heating cannot be used while driving.

Keys

▼ Key Types Introduction

This vehicle supports three types of keys:

- Transmitter;
- Mechanical Key;
- Smartphone Bluetooth® key.

▼ Transmitter



1. Unlock switch 
2. Lock switch 
3. Liftgate switch 
4. Find Car switch 

Your Mazda is equipped with 2 transmitters to unlock or lock the vehicle through the switch.

NOTE

Additional Transmitter Functions:

- Remote control window: Long press the unlock or lock switch for more than 2s, you can control the Windows of four doors fully open/fully close;
- Unlocking mode conversion: Long

press the unlock and lock switch for more than 4s, you can switch the unlocking mode between the four-doors unlocking mode and the driver unlocking mode.

⚠ CAUTION

- Because the transmitter uses low-intensity radio waves, it may not function correctly under the following conditions:
 - The transmitter is carried with communication devices such as cellular phones.
 - The transmitter contacts or is covered by a metal object.
 - The transmitter is near electronic devices such as personal computers.
 - Non-Mazda genuine electronic equipment is installed in the vehicle.
 - There is equipment which discharges radio waves near the vehicle.
- The transmitter may consume battery power excessively if it receives high-intensity radio waves. Do not place the transmitter near electronic devices such as televisions or personal computers.
- To avoid damage to the transmitter, DO NOT:
 - Drop the transmitter.
 - Get the transmitter wet.

Before Driving Keys

- Disassemble the transmitter.
- Expose the transmitter to high temperatures on places such as the instrument panel, under direct sunlight.
- Expose the transmitter to any kind of magnetic field.
- Place heavy objects on the transmitter.
- Put the transmitter in an ultrasonic cleaner.
- Put any magnetized objects close to the transmitter.

Liftgate switch

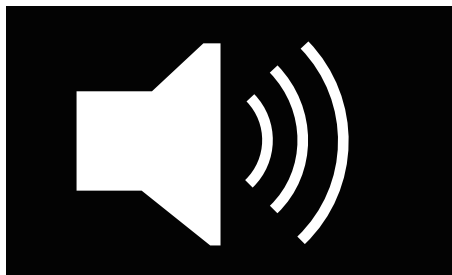
To open/close the liftgate, unlock the doors, then quickly double-press the switch when the liftgate is in the fully closed/open position to trigger the open/close function. The hazard warning lights will flash twice and the liftgate will open/close after the buzzer sounds.



Find Car switch

Within the vehicle key's reception range, press the switch, and the vehicle's hazard warning lights will

flash and the horn will sound to help locate the vehicle.

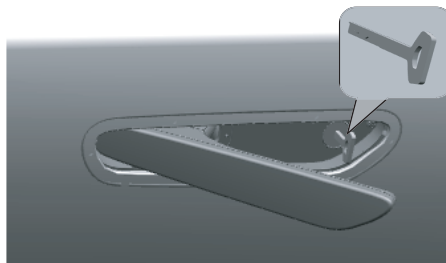


Remote Key Backup Start Function

When the transmitter battery is low, place the key in the Centre console cup holder and press the brake pedal, the vehicle will power on.

▼ Mechanical Key

This vehicle is equipped with 2 Mechanical Keys as a backup starting method. If other keys fail, the Mechanical Key can be used to unlock the door and enter the vehicle.



Key code number plate

A code number is stamped on the plate attached to the key set; detach this plate and store it in a safe place (not in the vehicle) for use if you need to make a replacement key

Before Driving Keys

(Mechanical Key).

Also write down the code number and keep it in a separate safe and convenient place, but not in the vehicle.

If your key (Mechanical Key) is lost, consult an expert repairer (we recommend an Authorised Mazda Repairer) and have your code number ready.



1. Key code number plate

▼ Smartphone Bluetooth® key

Control the vehicle through short-range Bluetooth® connection with your smartphone. For details, please refer to the "Interior Features → Connected Service → Mobile Control".

▼ Keyless Entry System

In the "Vehicle Centre → Vehicle Settings" interface, you can turn on/off the Auto Lock When Driving/Leaving. After opening, bring the key close to the vehicle, the vehicle will automatically unlock; Away from the vehicle will automatically lock.

1. When the vehicle is in a powered-off and locked state, and the centre display's passive entry/exit function is enabled, carrying a transmitter close to the vehicle within a certain range will automatically unlock the doors,

accompanied by a single flash of the turn signal lights.

2. If the passive entry/exit function is disabled on the centre display, you cannot unlock or lock the vehicle by approaching it with a transmitter.

Before Driving

Doors and Locks

Door Locks

WARNING

Always remove all children and pets or leave someone to care for them:

Leaving unattended children or pets in a parked vehicle is very dangerous. In hot weather, the interior temperature of the vehicle can rise, causing brain damage or even death.

Do not leave the key in the vehicle with children; keep the key out of reach:

Leaving children in a vehicle with the key is very dangerous. This may result in serious injury or death.

When leaving the vehicle with no one inside, be sure to close all windows, lock all doors, and the liftgate, and take the key with you:

Leaving the vehicle unlocked is very dangerous. Children may lock themselves inside a hot vehicle, potentially leading to death. Additionally, an unlocked vehicle is an easy target for theft or vandalism.

CAUTION

- Always check the surroundings before opening/closing doors and the liftgate, especially during strong winds or when parked on a slope. Not paying attention to the surroundings is extremely

dangerous, as doors and the liftgate may pinch fingers or hit passing pedestrians, leading to accidents or injuries.

NOTE

- Always stop the EV system and lock the doors. In addition, to prevent theft of valuables, do not leave them inside the cabin.

▼ Unlocking with Transmitter

Unlocking

When the vehicle is in the locked state, press the unlocking switch of the transmitter, the vehicle will be unlocked, the danger alarm light will blink once, at this time, the flush door handle will automatically pop out, pull the handle, you can open the door.



Before Driving Doors and Locks

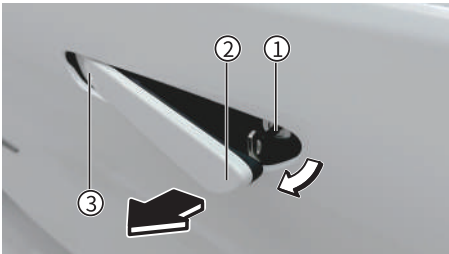
Locking

When no one is sitting in the driver seat and the gear is in P, after closing all the doors, press the lock switch, and the vehicle will lock.



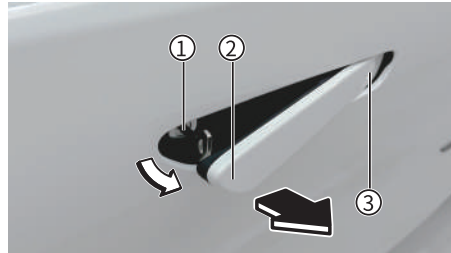
▼ Unlocking with Mechanical Key (Left-Hand Drive Model)

Press the flush door handle on the driver's side, insert the Mechanical Key, and turn the key clockwise to the unlock position. Turn the Mechanical Key back to its original position and then remove it.



(Right-Hand Drive Model)

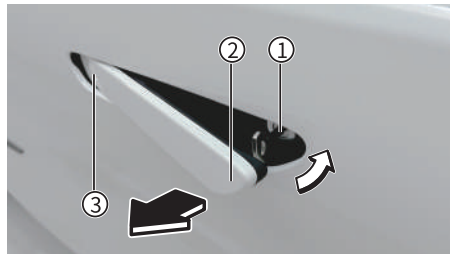
Press the flush door handle on the driver's side, insert the mechanical key, and turn the key counterclockwise to the unlock position. Turn the mechanical key back to its original position and then remove it.



1. Mechanical Key
2. Flush Door Handle
3. Thumb Press Position

▼ Locking with Mechanical Key (Left-Hand Drive Model)

Press the flush door handle on the driver's side, insert the Mechanical Key, and turn the key counterclockwise to the lock position. Turn the Mechanical Key back to its original position and then remove it.

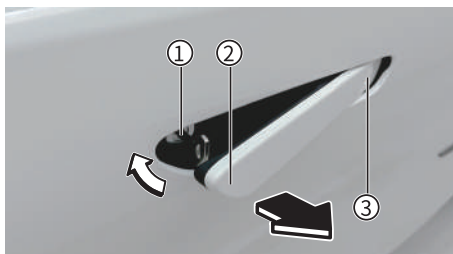


(Right-Hand Drive Model)

Press the flush door handle on the driver's side, insert the Mechanical key, and turn the key clockwise to the lock position. Turn the mechanical key back to its original position and then remove it.

Before Driving

Doors and Locks



1. Mechanical Key
2. Flush Door Handle
3. Thumb Press Position

▼ Operating Door Locks from Inside the Vehicle

When all doors are closed, pulling the inner door handle once will unlock the door, and pulling it twice consecutively will open the door.

When the driver's door is unlocked, all four doors will automatically unlock.

The rear side doors can only be opened from the inside if the child safety lock is disengaged (refer to "Child Safety Lock" section).

Door Lock Switches

Press the door lock switch ① to lock all doors.

Press the door lock switch ② to unlock all doors (including AC normal charging unlocking).



Collision Unlocking

If the vehicle is involved in a collision and the airbags deploy, all doors will automatically unlock.

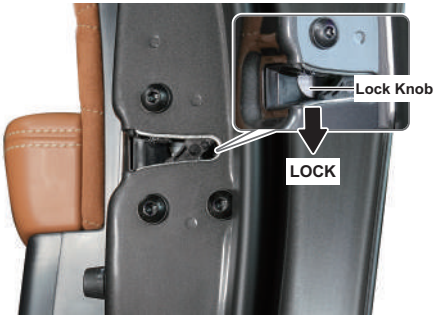
Speed-Sensitive Auto Locking

This function is enabled by default. When the vehicle is powered on and in an unlocked state, and the speed increases from 0 to ≥ 20 km/h (12 mph), all four doors will automatically lock.

Operating from Outside the Vehicle

To lock the front and rear passenger side doors from outside the vehicle using the emergency lock, press the corresponding door's emergency lock switch to the locked position and close the door to prevent operation of other door locks.

Before Driving Doors and Locks



NOTE

When locking the door in this manner:

- Be careful not to leave the key inside the vehicle.

▼ Child Safety Lock

Child Safety Lock

The child safety lock on the rear doors can individually lock the rear doors. Once enabled, the respective rear door cannot be opened from the inside, only from the outside.

To enable: Push the child safety lock on the rear door in the direction of the arrow to the locked position.

After enabling, ensure that the child safety lock is functioning properly (the door cannot be opened from the inside).

To disable: Push the child safety lock on the rear door to the unlocked position.

⚠ WARNING

If children are inside the vehicle, the child safety lock should be enabled. Otherwise, children might open the door while driving, potentially injuring themselves or others.

Before Driving Doors and Locks

Liftgate

▼ Liftgate



Never allow a person to ride in the luggage compartment:

Allowing a person to ride in the luggage compartment is dangerous. The person in the luggage compartment could be seriously injured or killed during sudden braking or a collision.

Do not stack or leave loaded luggage unsecured in the luggage compartment:

Otherwise, the luggage may move or collapse, resulting in injury or an accident. In addition, do not load luggage higher than the seatbacks. It may affect the side or rear field of view. Additionally, if the airbags deploy, the cargo may scatter which could result in serious injury or death.



- Before opening the liftgate, remove any snow and ice accumulation on it. Otherwise, the liftgate could close under the weight of the snow and ice resulting in injury.
- Be careful when opening/closing the liftgate during strong winds. If a strong gust blows against the liftgate, it could close suddenly resulting in injury.

- Fully open the liftgate and ensure that it stays open. If the liftgate is only opened partially, it could slam shut by vibration or wind gusts resulting in injury.
- Be careful not to apply excessive force to the damper stay on the liftgate such as by putting your hand on the stay. Otherwise, the damper stay may bend and affect the liftgate operation.
- Do not modify or replace the liftgate damper stay. Consult an expert repairer (we recommend an Authorised Mazda Repairer) if a liftgate damper stay is deformed or damaged for reasons such as a collision or if there is some other problem.

▼ Opening and Closing the Liftgate

Opening the Liftgate

Operating from Outside the Vehicle (Opening)

(Left-Hand Drive Model)

Press the electric liftgate opener on the liftgate. The hazard warning lights will flash twice, and after the buzzer sounds, the liftgate will automatically open, and the luggage compartment light will turn on.

(Right-Hand Drive Model)

Press the electric liftgate opener on

Before Driving Doors and Locks

the liftgate. The hazard warning lights will flash once, and after the buzzer sounds, the liftgate will automatically open, and the luggage compartment light will turn on.



Operating from Inside the Vehicle (Opening)

When the vehicle stopped and in P or N gear, tap the "Liftgate Open " icon on the central display "Vehicle Centre→Vehicle Settings →Liftgate" , and the liftgate will automatically open.

NOTE

When a trailer is connected, the liftgate can only be opened using the liftgate opener. The centre display icon, liftgate switch on the transmitter, Bluetooth® key, mobile app, and voice

recognition are disabled.

Closing the Liftgate

Operating from Outside the Vehicle (Closing)

(Left-Hand Drive Model)

When the liftgate is fully open, press the electric liftgate close switch. The hazard warning lights will flash twice, and after the buzzer sounds, the liftgate will automatically close.

(Right-Hand Drive Model)

When the liftgate is fully open, press the electric liftgate close switch. The hazard warning lights will flash twice, and after the buzzer sounds, the liftgate will automatically close. And the hazard warning lights flash twice again once the liftgate is fully closed.



Operating from Inside the Vehicle (Closing)

With the vehicle stopped and in P or N gear, tap the "Close Liftgate" icon on the central display: Vehicle Centre →Vehicle Settings → Liftgate; the liftgate will close automatically.

Before Driving

Doors and Locks

Maximum Opening of the Liftgate

The liftgate is equipped with a maximum opening height memory function, allowing you to set the maximum height to which the liftgate opens.

Hold the liftgate at the desired height and press and hold the liftgate switch for more than 3 seconds. The buzzer will sound once, indicating that the height memory function is set successfully.

You can also adjust the liftgate opening height through the centre display. Tap "Vehicle Centre → Vehicle Settings → Maximum Opening of the Liftgate" and adjust by dragging the slider.

▼ Anti-Pinch Function

To minimise the risk of personal injury or damage, the liftgate is equipped with an anti-pinch feature.

Should substantial resistance be encountered while the liftgate is opening or closing, the anti-pinch feature will engage. Once activated, the liftgate will reverse briefly and then pause.

The anti-pinch feature is a supplementary system. Always exercise caution when operating the liftgate to avoid entrapment or collision with obstacles during automatic operation.

Rear-View Mirror

▼ Rear-View Mirror Reversing Assist

1. Access the rear-view mirror reverse assistance interface through the centre display by navigating to "Vehicle Centre → Comfy Cabin."
2. Enter the mirror adjustment settings and select to turn the "Rear-View Mirror Reversing Assist" function on or off.
3. When the "Rear-View Mirror Reversing Assist" function is activated, the mirrors will automatically adjust to the position used during the last reverse. If the mirrors have never been adjusted during a previous reverse, they will not automatically adjust during the current reverse.
4. Rear-view mirror setting method:
 - Press and hold the brake pedal;
 - Shift into R gear;
 - Select the Rear-View Mirror Adjustment icon to enter the

rear-view mirror adjustment interface;

- Adjust the mirror;
- Shifting out of R gear will save the rear-view mirror position during reversing.

WARNING

The left and right rear-view mirror are convex mirrors, and objects viewed in the mirrors appear smaller than they actually are. Do not estimate the distance to following vehicles based on the mirror image, as this could increase the risk of an accident.

Do not adjust the rear-view mirror while the vehicle is in motion, as this could lead to a loss of vehicle control, resulting in accidents or even injury or death.

▼ Rear-View Mirror Adjustment

Electric Adjustment

1. Select the rear-view mirror adjustment icon through the "Vehicle Centre → Comfy Cabin" menu on the centre display to enter the rear-view mirror adjustment interface.
2. In the Rear-View mirror adjustment interface, select the rear-view mirror you want to adjust. Then, use the "Up," "Down," "Left," and "Right" switches on the right side of

Before Driving Mirrors

the steering wheel to adjust the position of the "Left Rear-View" and "Right Rear-View."



3. After adjusting the rear-view mirror to the appropriate position, click the "Driving Position Save" icon, and the "Saved Successfully" will pop up, as shown in the figure below.

WARNING

- Never adjust the rear-view mirrors when driving. In order to focus entirely on driving, the position of the rear-view mirrors should be adjusted before setting off.
- It is strictly prohibited to touch the mirror glass while adjusting the angle of the rear-view mirrors, as this could injure your fingers and cause damage to the mirrors.

▼ Rear-View Mirror Folding

Power Folding of Rear-View Mirror

1. Navigate to the "Vehicle Centre → Comfy Cabin" section on the centre display to access the rear-view mirror folding/unfolding settings.
2. Tap the "Fold" icon to fold the outside mirror. The icon will then change to "Unfold" on the centre display.
3. Tap the "Unfold" icon to unfold the outside mirror. The icon will then change to "Fold" on the centre display.

Automatic Folding of Rear-View Mirror

1. Access the automatic folding of rear-view mirror interface through the centre display by navigating to "Vehicle Centre → Comfy Cabin."
2. Enter the mirror adjustment settings and select to turn the "Automatic Folding of Rear-View Mirror" function on or off.

Before Driving Mirrors

- When the "Automatic Folding of Rear-View Mirror" function is activated, the outside mirror will automatically fold when the vehicle is locked and will automatically unfold when the vehicle is unlocked. If the function is not activated, the mirrors will not fold or unfold automatically when the vehicle is locked or unlocked.



Always return the outside mirrors to the driving position before you start driving:

Driving with the mirrors folded in is dangerous. It will obstruct your rear view and increase the risk of an accident.

Do not touch the power folding outside mirror while it is moving:

Touching the power folding mirror while it is moving is dangerous. You could injure your hand or damage the mirror.

Use the switch to adjust the mirror to the on-road position:

Adjusting the power folding outside

mirror to the on-road position manually is dangerous. The mirror will not lock in place, impairing rearview visibility.

Only operate the power folding mirror when the vehicle is safely parked:

Operating the power folding mirror while the vehicle is moving is dangerous. Wind can cause the mirror to collapse, and you will be unable to return it to the on-road position, blocking rearview visibility.

NOTE

- The power folding and automatic folding functions are only available on mirrors with power folding capabilities. If the mirrors are manually foldable, the folding must be done manually.
- Before folding the mirror, ensure the surface is clear of ice, snow, or debris. Remove any obstacles to avoid damaging the mirror.

▼ Rear-View Mirror Heating

After the vehicle is powered on, access the climate control panel through the centre display. Tap the rear defrost icon  to activate the rear-view mirror heating function. Tap it again to turn off the rear-view mirror heating function.

▼ Interior Rear-view Mirror

Before driving, adjust the interior rear-

Before Driving Mirrors

view mirror to maximize the rearward view. Avoid placing items on the rear seats or cargo area that may obstruct the rear view.

Electronic anti-glare: The interior rear-view mirror automatically adjusts the brightness of the mirror based on the ambient light intensity to reduce glare, requiring no manual adjustment.



WARNING

Do not stack cargo or objects higher than the seatbacks:

Cargo stacked higher than the seatbacks is dangerous. It can block your view in the rearview mirror, which might cause you to hit another car when changing lanes.

Power Windows

▼ Power Windows

The windows can be opened or closed by operating the power window switches.



Ensure that the opening is clear before closing the window:

Closing a power window can be dangerous. A person's hands, head, or even neck could become caught by the window, resulting in serious injury or even death. This warning is particularly relevant to children.

Never allow children to play with the power window switches:

Power window switches that are not locked by the power window lock switch could allow children to unintentionally operate the power windows, potentially resulting in serious injury if a child's hands, head, or neck become caught by the window.

Ensure nothing obstructs the window just before it reaches the fully closed position or while the power window switch is fully engaged:

Obstructing the power window just before it reaches the fully closed position, or while the power window switch is fully engaged, is dangerous.

In this case, the jam-safe function may not prevent the window from closing

fully. If fingers are caught, serious injury may occur.

Do not allow a child to extend their hand or head out of the window while the vehicle is in motion:

If the person's hand or head strikes something outside the vehicle, or if sudden braking is applied, it could result in serious injury or death.

NOTE

When driving with only one rear window open, you may experience a resonant sound. This is not a malfunction. You can reduce the noise by slightly opening a front window or adjusting the rear window's opening.

▼ Opening/Closing Windows

When the vehicle is powered on, pressing the switch opens the window, and pulling the switch closes the window. Do not open or close three or more windows simultaneously.

When the power window lock switch on the driver's side door is in the unlocked position, you can open/close the front passenger side and rear windows. Keep this switch locked when children are in the vehicle.

Before Driving Window

Master control switches

(Left-Hand Drive Model)



(Right-Hand Drive Model)



1. Left front door power window switch.
2. Left rear door power window switch.
3. Right rear door power window switch.
4. Right front door power window switch.
5. Power window lock switch

Press the driver's window lock switch , and the front passenger and rear passengers will not be able to operate the windows. Press the window lock switch again to disable the window lock function.

To open/close the window: Press/raise the power window switch  ;

CAUTION

- In cold and humid environments, the power windows may not function properly due to freezing.
- To extend the life of the fuse and prevent damage to the power window system, do not operate two or more windows simultaneously.
- Do not perform opposite operations on the same window simultaneously; the window will stop functioning.

The window switch has five positions, with functions from top to bottom as follows:

1. One-touch up.
2. Manual up.
3. Middle position.
4. Manual down.
5. One-touch down.

Before Driving Window

(Left-Hand Drive Model)



(Right-Hand Drive Model)



▼ Anti-pinch Window

When the window is closing and a foreign object is detected between the window and the window frame, the window stops closing and automatically opens partway.

⚠ CAUTION

- All windows in this vehicle are equipped with an anti-pinch function. Do not extend your hand outside the window when it is about to close to avoid injury.

- Before closing the windows, the driver must ensure that all passengers (especially children) do not have any part of their body extended outside the window. Failure to do so may cause serious injury.
- Do not perform opposite operations on the same window simultaneously; the window will stop functioning.

The following situations will cause the window auto-learning to be lost:

1. The window anti-pinch function is triggered twice consecutively;
2. Disconnecting the negative terminal of the battery;
3. Resetting the window controller (BDC).

To reset the window, follow the steps below to complete the window auto-learning:

1. Close the door and operate the driver's side window up/down switch inside the vehicle;
2. Lift the switch until the window is fully closed, hold for more than 1 second, then release the switch;
3. Press the switch until the window is fully open, hold for more than 1 second;
4. Repeat the above steps 3 times to complete the window auto-learning.

Before Driving Window

CAUTION

The anti-pinch function may operate under the following conditions:

- A strong impact is detected while the window is closing.
- The window is closing in very low temperatures.

Modification and Add-On Equipment

▼ Modification and Add-On Equipment

Mazda cannot guarantee the immobilizer and the theft-deterrent system's operation if the system has been modified or if any add-on equipment has been installed.



To avoid damage to the vehicle, do not modify the system or install any add-on equipment to the immobilizer and the theft-deterrent systems or the vehicle.

Immobilizer System

▼ Immobilizer System

The immobilizer system allows the EV system to start only with a key the system recognises.

If someone attempts to start the EV system with an unrecognised key, the EV system will not start, thereby helping to prevent vehicle theft.

If you have a problem with the immobilizer system or the key, consult an expert repairer (we recommend an Authorised Mazda Repairer).



- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- To avoid damage to the key, do not:
 - Drop the key.
 - Get the key wet.
 - Expose the key to any kind of magnetic field.
 - Expose the key to high temperatures on places such as the instrument panel, under direct sunlight.

Before Driving Security System

▼ Operation

NOTE

Signals from a TV or radio station, or from a transceiver or mobile phone could interfere with your immobilizer system. If you are using the proper key and the EV system fails to start, check the security indicator light.

Arming

Use the transmitter to lock the vehicle, you can open the immobilizer system.

Disarming

Using the transmitter to unlock the vehicle, you can disarm the immobilizer system.

If the EV system does not start after 3 or more tries, contact an expert repairer (we recommend an Authorised Mazda Repairer).

Theft-Deterrent System

▼ Theft-Deterrent System

If the theft-deterrent system detects an inappropriate entry into the vehicle which could result in the vehicle or its contents being stolen, the alarm alerts the surrounding area of an abnormality by sounding the siren/horn and flashing the hazard warning lights.

The system will not function unless it's properly armed. So when you leave the vehicle, follow the arming procedure correctly.

▼ Operation

Siren/Horn triggering conditions

When the system is triggered by any of the following, the horn will sound intermittently for approximately 30 seconds and the hazard warning lights will flash for approximately 5 minutes.

- Unlocking a door with the auxiliary key, door lock switch, or an inside door-lock knob.
- Forcing open a door, the bonnet or the liftgate.
- Opening the bonnet by operating the bonnet release handle.

If the system is triggered again, the lights and horn will activate until the vehicle is unlocked with the transmitter.

Before Driving Security System

▼ How to Arm the System

1. Close the windows securely.
2. Ensure the bonnet, the doors, and the liftgate are closed.
3. Press the lock switch on the transmitter. The hazard warning lights will flash twice.

NOTE

- The theft-deterrent system can also be armed by activating the auto relock function with all the doors, the liftgate and the bonnet closed.
- The system will disarm if one of the following operations takes place within 15 seconds after pressing the lock switch:
 - Unlocking any door.
 - Opening any door.
 - Opening the bonnet.
- To rearm the system, do the arming procedure again.
- When the doors are locked by pressing the lock switch on the transmitter while the theft-deterrent system is armed, the hazard warning lights will flash twice to indicate that the system is armed.

▼ To Turn Off an Armed System

An armed system can be turned off using any one of the following method:

- Pressing the unlock switch on the

transmitter.

The hazard warning lights will flash twice.

NOTE

When the doors are unlocked by pressing the unlock switch on the transmitter while the theft-deterrent system is turned off, the hazard warning lights will flash once to indicate that the system is turned off.

▼ To Stop the Alarm

A triggered alarm can be turned off using the following method:

- Pressing the unlock switch on the transmitter.

The hazard warning lights will flash twice.

Before Driving Driving Tips

Floor Mats

▼ Floor Mats

We recommend using genuine Mazda floor mats.

⚠ WARNING

Ensure that the floor mats are secured with the retaining clips or pins to prevent them from sliding under the pedals (driver's side):

Using unsecured floor mats is dangerous as they can interfere with the operation of the accelerator and brake pedals (driver's side), potentially causing an accident. Use only floor mats that fit the driver's side floor shape and confirm they are correctly positioned.

Secure the floor mats with the retaining clips or pins.

Depending on the type used, there are various methods to secure the floor mats, so secure them accordingly. After installing the floor mats, ensure they do not slide left or right, or forward and backward, and that there is enough space around the accelerator and brake pedals on the driver's side.

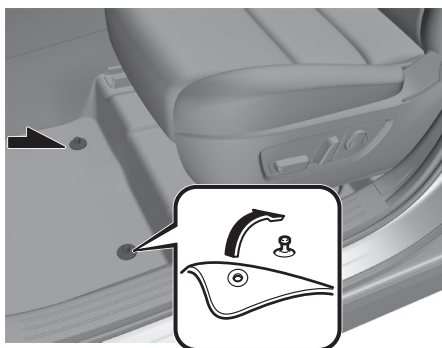
If you remove the floor mats for cleaning or other reasons, ensure to reinstall them securely, paying attention to the precautions mentioned earlier.

Do not install two floor mats on the driver's side (one on top of the other):

The retaining clips can only prevent one floor mat from sliding forward, so installing two floor mats on the driver's side (one on top of the other) is extremely dangerous.

Loose floor mats may interfere with the pedals, potentially causing an accident.

If using all-weather floor mats in the winter, be sure to remove the original floor mats.

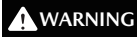


When installing the floor mats, insert the floor mat's lock rings or pins into the retention clips to secure them.

Before Driving Driving Tips

Rocking the Vehicle

▼ Rocking the Vehicle



Do not allow the wheels to spin at high speed, and do not let anyone stand behind the wheels when pushing the vehicle:

It is extremely dangerous to let the wheels spin at high speed when the vehicle is stuck. Spinning tyres can overheat and burst, which may cause serious injury.



Excessive rocking of the vehicle may cause the transmission failure, and wheel damage.

If you must rock the vehicle to free it from snow, sand, or mud, press the accelerator pedal lightly, then slowly shift the gear lever from D to R.

Winter Driving

▼ Winter Driving

Carry emergency supplies in your vehicle, including tyre chains, a window scraper, flare tools, a small shovel, jumper cables, and a small bag of sand or salt. Have professional service personnel (we recommend an Authorised Mazda Repairer) check the following items:

- Ensure that there is enough antifreeze in the radiator.
- Inspect the battery and cables. Cold weather reduces battery capacity.
- Use a washer fluid that contains antifreeze, but do not use antifreeze coolant for the electric drive system as a washer fluid.

NOTE

- Clear snow from the vehicle before driving. Snow left on the windscreen is dangerous as it obstructs visibility.
- When removing ice or snow from the windows and windscreen, do not apply excessive force to the scraper.
- Do not use warm or hot water to remove snow or ice from the windows and mirrors as it may cause the glass to crack.
- Drive slowly. Snow and ice on the brakes can negatively affect braking performance. If this occurs, drive slowly, release the accelerator pedal,

Before Driving Driving Tips

and lightly apply the brakes several times until braking performance returns to normal.

▼ Snow Tyre



All four tyres must be of the same size and type (snow tyres, radial or non-radial tyres).

Using tyres of different sizes or types is very dangerous. It can greatly affect vehicle handling and could result in an accident.



Check local regulations before using snow tyres.

NOTE

If tyres with reinforced sidewalls are used, the tyre pressure monitoring system may not function properly.

Use Snow Tyre on All Four Wheels

Do not exceed the maximum permissible speed of the snow tyres or the legal speed limit.

▼ Tyre Chains

Check local regulations before using tyre chains.



- Chains may affect handling.
- Do not exceed 50 km/h (31 mph) or the chain manufacturer's recommended speed limit, whichever is lower.
- Drive carefully, avoiding bumps, potholes, and sharp turns.
- Avoid locking the wheels when braking.
- Do not use tyre chains on the temporary spare tyre as this may cause damage to the vehicle or tyre.
- Do not use chains on roads without snow or ice. The tyres and chains could be damaged.
- Chains may scratch or damage aluminium wheels.

NOTE

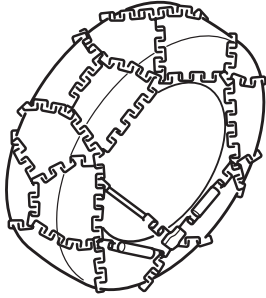
The tyre pressure monitoring system may not function properly when tyre chains are used.

Install tyre chains only on the rear tyres. Do not use tyre chains on the front tyres.

Tyre Chain Selection

Mazda recommends using hexagonal steel ring chains. Select the appropriate type based on your tyre size.

Before Driving Driving Tips



Tyre Size	Tyre Chain
245/45R19 102Y	Hexagon type

Installing Tyre Chains

1. Install the chains on the rear tyres. Always follow the chain manufacturer's instructions.
2. Retighten the chains after driving 0.5 - 1 km (0.3 - 0.6 mile).

Driving in Flooded Areas

▼ Driving in Flooded Areas

WARNING

Drive slowly, release the accelerator pedal, and lightly apply the brakes several times to dry the wet brakes until braking performance returns to normal:

Driving with wet brakes is extremely dangerous. Increased stopping distances or pulling to one side while braking can cause serious accidents. Lightly applying the brakes can help you determine if braking performance is affected.

CAUTION

Do not drive through flooded roads, as this can cause electrical/electronic component short circuits, electric drive system damage due to water immersion. If the vehicle becomes submerged, consult an expert repairer (we recommend an Authorised Mazda Repairer).

Before Driving License Plate

License Plate Installation

▼ License Plate Installation

Install the license plate correctly according to local regulations, ensuring it is clearly visible.

Towing

▼ Towing Hitch

This vehicle is equipped with a towing function, allowing it to tow items such as caravans or bicycle racks.

Your Mazda was designed and built primarily to carry passengers and cargo. If you tow a trailer, follow these instructions because driver and passenger safety depends on compliant equipment and safe driving habits. Towing a trailer will affect the vehicle's handling, braking, durability, and power performance.

▼ Towing Hitch Installation

Towing hitch are currently not available for models in Thailand, Singapore, Malaysia, Indonesia, Hong Kong/ Macau.

NOTE

- Towing hitch are not available for models in Thailand, Singapore, Malaysia, Indonesia, Hong Kong/ Macau.
- Never overload your vehicle or trailer. Consult an expert repairer (we recommend an Authorised Mazda Repairer) if you need further details.
- When using the electric tow hitch, the following functions will be disabled: Mazda Radar Cruise Control (MRCC) featuring Stop & Go, Cruising&Traffic Support (CTS),

Lane keeping assist system (LAS), Emergency Lane Keeping (ELK), Lane Change Assist (LCA), Blind Spot Monitoring (BSM), Door Open Warning (DOW), Rear Collision Warning (RCW), Rear Cross Traffic Alert (RCTA) and Rear Cross Traffic Braking (RCTB), etc.

Before Driving Towing

▼ Towing Hitch Unfold/Fold

After the tow hitch is installed and the circuit is connected, the unfold/fold of the tow hitch can be operated in the centre display. In the centre display, click to enter the "Vehicle Centre → Vehicle Settings " interface, and click the unfold/fold icon below the tow hitch to control the status of the tow hitch.

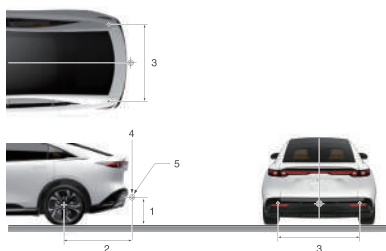
▼ How to Use the Towing Hitch

Towing Hitch

When towing a trailer, use an appropriate towing hitch. We recommend using a genuine Mazda towing hitch. Use the original holes drilled by the vehicle manufacturer for securing the towing hitch. Consult an expert repairer (we recommend an Authorised Mazda Repairer) if you need further details. Do not install a towing hitch that is not easy to remove or reposition if there is the possibility that a part of the towing hitch partially obscures the lighting system and/or rear number plate.

If a towing hitch that is easy to remove or reposition is installed, make sure to remove or reposition it when it is not in use.

Towing hitch installation area



1. 350 - 400 mm (13.8 - 15.7 in)

2. 1107.0 mm (43.58 in)

3. 1075.0 mm (42.32 in)

4. MAX. 75 kg (165.35 lb)

5. Towing hitch coupling point

Before Driving Towing

Maximum trailer towing-load table

Model		Total Trailer Weight		Gross Combination Weight
Drive motor	Drive system	Trailer without brake	Trailer with brake	Trailer with brake
Permanent magnet synchronous (Left-Hand Drive)	RWD	750kg (1653.4 lb)	1500kg (3306.93 lb)	3887kg (8569.36 lb)
Permanent magnet synchronous (Right-Hand Drive)	RWD	750kg (1653.4 lb)	1500kg (3306.93 lb)	3940kg (8686.20 lb)

Trailer nose load: 75 kg (165.35 lb)

Tyres

When towing a trailer, use the following air pressures.

Front: 270 kPa (2.7 bar, 39 psi)

Rear: 310 kPa (3.1 bar, 45 psi)

Trailer tyre size, load rating, and inflation pressures should conform to tyre manufacturer specifications.



When towing a trailer, it is strictly prohibited to use tyres that do not match the original specifications.

Using tyres that do not match the original specifications when towing a trailer can pose safety hazards, which may lead to tyre failure, loss of control, and injury to vehicle occupants.

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When Driving Starting and Stopping the EV System

Starting and Stopping the EV System

▼ Starting the EV System

After unlocking the vehicle using a key (or Bluetooth® key), the vehicle will automatically power on. Press the brake pedal to start the vehicle, and the "READY" indicator light on the dashboard will illuminate. Shift into D position to begin driving.



Radio waves from the key may affect medical devices such as pacemakers:

Before using the key near people who use medical devices, ask the medical device manufacturer or your physician if radio waves from the key will affect the device.

NOTE

The vehicle cannot be driven while charging.

NOTE

1. If the vehicle is unlocked and powered on but no door is opened within 30 seconds, the vehicle will automatically lock and power off.
2. If the fully automatic climate

control system was on before the vehicle was powered off, it will automatically turn on when the vehicle is powered on again.

3. If the light conditions are low, the headlights will automatically turn on when the vehicle is powered on.

▼ Stopping the EV System

1. When the vehicle is in P position, the driver's seat is unoccupied, and all doors (including the liftgate) are closed, the vehicle will automatically power off when locked using a key (or Bluetooth® key).
2. When the vehicle is in P position, tap the "Vehicle Centre → Safety → One-Tap Power-Off" icon on the centre display to power off the vehicle.



Other than for an emergency situation, do not attempt to stop the EV system while driving the vehicle:

If the EV system is stopped while driving the vehicle, loss of brake power and power steering functions could occur, making it difficult to control the vehicle which could result in an accident.

When Driving

Starting and Stopping the EV System

NOTE

The "One-Tap Power-Off" icon on the centre display can only be used when the vehicle is in P position.

After powering off the vehicle using the "One-Tap Power-Off" icon on the centre display, you can power the vehicle back on using the Bluetooth® key.

After one-touch power off, do not press the brake pedal, otherwise the vehicle will power on again.

▼ Vehicle Parking

If the vehicle is parked for more than one month, the Lead-acid Battery may become damaged due to excessive discharge.

When the vehicle needs to be parked for an extended period, keep the tyres away from oil, and as much as possible, away from direct sunlight and rain, to avoid high temperatures and humidity. Clean and preserve the rubber seals, close all doors, and lock the vehicle. If parked indoors, you may slightly open one window.

If stored for a long time, wash the vehicle and park it in a dry, well-ventilated place. Inflate the tyres to the maximum pressure value specified on the pressure label, check tyre pressure monthly, and move the vehicle weekly to change the position of the tyres to prevent deformation.

When Driving Instrument Cluster and Display

Instrument Cluster

▼ Instrument Cluster

The information displayed on the instrument cluster may vary depending on function settings, function usage, and different vehicle configurations. The function descriptions in the images are for reference only; please refer to the actual vehicle for accurate information.



1. Power Gauge: Displays the current output power of the vehicle;
2. Navigation: Displays current navigation information;
3. Indicator Lights: Indicator lights are distributed in different positions on the instrument cluster, reflecting the status of the vehicle's systems;
4. Speedometer: Displays the current driving speed of the vehicle;
5. Gear Position: Displays the current gear position (P/R/N/D);
6. Driving Information: Displays distance, power consumption, energy efficiency, driving time, tyre information, and phone status;
7. Energy Consumption Options: Displays the current method used to estimate the vehicle's energy consumption;
8. Battery Gauge: Displays the remaining battery level of the high-voltage battery;
9. Range: Displays the combined range of electric power;
10. Vehicle Warnings and Alerts: Displays alerts for features such as forward collision warning, automatic emergency braking, rear collision warning, blind spot warning, and others;
11. Driving Mode: Displays the current driving mode of the vehicle;

When Driving Instrument Cluster and Display

12. Temperature: Displays the current outside temperature;

13. Total Mileage: Displays the total mileage of the vehicle.

▼ Multi-information Display

(Left-Hand Drive Model)



(Right-Hand Drive Model)



1. Multi-information Display

2. INFO switch

The multi-information display indicates the following information.

- Tyre pressure
- Trip meter
- Residual energy
- Music

When Driving Instrument Cluster and Display

Warning Indication/Warning Lights

The type of instrument cluster varies depending on your vehicle model and equipment. Please verify your vehicle model and equipment.



▼ Warning Indicators/Warning Lights

These lights will illuminate or flash to notify the user of the system's operating status or any system malfunctions.

Signal	Warning
	Omnidirectional Warning Assistance Warning Indication/Warning Light
	High Voltage Battery Charging System Warning Indication/Warning Light ¹
	EV System Problem Warning Indication/Warning Light ¹
	Brake System Warning Indication/Warning Light ¹
	Brake Control System Warning Indication/Warning Light ¹
	High Beam Control Headlights (HBC) Warning Indication/Warning Light ¹
	Seat Belt Indicator Light (Driver's Seat)
	Air Bag/Seat Belt Pretensioner System Warning Indication/Warning Light ¹
	Tyre Pressure Monitoring System (TPMS) Warning Indication/Warning Light ¹
	Life Detection Malfunction Indication/Warning Light ¹

When Driving Instrument Cluster and Display

Signal	Warning
	Lane Departure Warning Indicator/Warning Light ^{*1}
	Lane Departure Warning Malfunction Indicator/Warning Light ^{*1}
	Charging Status Indicator/Warning Light ^{*1}
	Output Restriction Warning Indication/Warning Light ^{*1}
	Remaining High Voltage Battery Power Warning Indication/Warning Light ^{*1}
	Power Steering Malfunction Indication/Indicator Light ^{*1}
	ABS Warning Indication/Warning Light ^{*1}
	Door-Ajar Warning Light
	Parking Brake Warning Indicator/Warning Light ^{*1}

*1. The light turns on when the power switch is switched ON for an operation check, and turns off a few seconds later or when the EV system is started. If the light does not turn on or remains on, have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Indication/Indicator Lights

These lights turn on or flash to notify the user of the system operation status or a system malfunction.

Signal	Indicator
	Charging Cable Connection Indication/Warning Light ^{*1}
	Rear Fog Light Indicator Light
	Towing Hook Indicator Light ^{*1}
	Lights-On Indicator Light

When Driving Instrument Cluster and Display

Signal	Indicator
	Direction Indicator/Hazard Warning Indicator Lights
	Smart Brake Support OFF Indicator Light ¹
	Smart Brake Support Indicator Light ¹
	Over-Speed Warning Indication ¹
	Warning Sign Indication ¹
	Prohibition Sign Indication ¹
	Intelligent Cruise Assist Indicator Light ¹
	Keyless Start Prompt Indicator Light
	Fatigue Warning Indication ¹
	Maintenance Reminder Indicator Light ¹
	CHARGE Indication ¹
	Manual Speed Limit Indication
	Traffic Light Indication ¹
	Shift Position Indication
	Mazda Radar Cruise Control (MRCC) featuring Stop & Go Standby Indication ¹
	Cruising & Traffic Support (CTS) Standby Indication ¹
	Mazda Radar Cruise Control (MRCC) featuring Stop & Go Set Indication ¹
	Cruising & Traffic Support (CTS) Set Indication ¹

When Driving Instrument Cluster and Display

Signal	Indicator
	Speed Limit Warning Indicator ^{*1}
	Low Beam Indicator/Indicator Light
	High Beam Indicator/Indicator Light
	High Beam Control Headlights (HBC) Indicator Light
	Life Detection OFF Indicator Light ^{*1}
	Electric Parking Brake (EPB) Indication/Indicator Light ^{*1*2}
	Road Sign Display ^{*1}
SET	One-Touch Speed Limiter Indicator ^{*1}
	Speed Limit Indicator Light
	AUTOHOLD Indicator Light ^{*1}
	Dynamic Stability Control (DSC) Indicator/Indicator Light ^{*1}
	Discharge Status Indicator/Indicator Light ^{*1}
	Dynamic Stability Control (DSC) OFF Indicator/Indicator Light ^{*1}
READY	READY Indication

When Driving Instrument Cluster and Display

*1 The indicator light turns on during a system check when the vehicle power is turned on and turns off after a few seconds or when the EV system is started. If the light does not turn on or remains on, have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

*2 This light remains illuminated when the parking brake is applied.

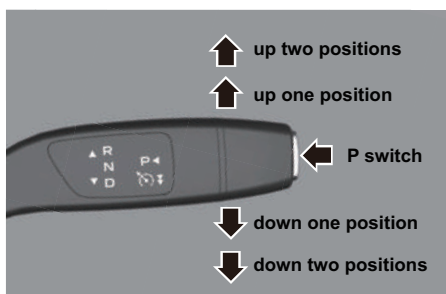
When Driving Shift Control System

Electric Column Shift Position Functions

▼ Electric Column Shift Position Functions

The gear can be shifted to R, N, or D by moving the steering column-mounted shifter up or down on the right side of the steering wheel. Press the P switch on the right side of the steering column-mounted shifter to shift to P. When shifting is successful, the corresponding gear is displayed on the instrument cluster, and the vehicle enters the selected gear.

If the gear shift fails, the system will provide text alert, and the vehicle will remain in its current gear.



The vehicle will automatically shift to P under the following conditions:

- The vehicle is powered off;
- The charging plug or discharging plug is inserted;
- The driver leaves the vehicle while it is not in P.

⚠ CAUTION

Always set the selector lever to P position and set the parking brake:

Only setting the column shifter to the P position without using the parking brake to hold the vehicle is dangerous. If P fails to hold, the vehicle could move and cause an accident.

▼ Gear Position Introduction

The vehicle includes the following four gear positions:

Park (P)

When the vehicle is stationary, press the brake pedal and then press the P switch on the electric column shift. The instrument cluster will display "P," indicating that the vehicle is in Park.

⚠ CAUTION

For your safety, in-car video playback is unavailable while the vehicle is in motion. Video can only be played normally once the vehicle is stationary and shifted into Park (P) gear.

Reverse (R)

When the vehicle is stationary, press the brake pedal and move the electric column shift up two positions. The instrument cluster will display "R," indicating that the vehicle is in Reverse.

When Driving Shift Control System

Neutral (N)

When the vehicle is stationary, press the brake pedal and move the electric column shift up or down one position. The instrument cluster will display "N," indicating that the vehicle is in Neutral.



Do not shift into N when driving the vehicle:

If the selector lever is shifted to the N position while driving, deceleration using the regenerative braking is not possible which could result in an accident.

Drive (D)

When the vehicle is stationary, press the brake pedal and move the electric column shift down two positions. The instrument cluster will display "D," indicating that the vehicle is in Drive.

NOTE

- While driving, in emergency situations such as brake pedal failure, you can press and hold the P position for dynamic emergency braking.
- When the lead-acid battery is depleted, even if the electric column shift is moved to the P position, the parking lock will not function.

▼ **Electric Column Shift Operation**

Current Gear: R

- When the vehicle is stationary, press the P switch to switch the vehicle to P gear.
- When the vehicle is stationary, move the steering column-mounted shifter down one position; or while the vehicle is reversing, move the shifter down one position and hold for 1 second to switch the vehicle to N gear.
- When the vehicle is stationary, move the shifter down two positions to switch the vehicle to D gear.

Current Gear: N

- When the vehicle is stationary, press the P switch to switch the vehicle to P gear.
- When the vehicle is stationary (brake pedal depressed), move the shifter up one position to switch the vehicle to R gear. While the vehicle is reversing, move the shifter up two positions to switch the vehicle to R gear.
- When the vehicle is stationary (brake pedal depressed), move the shifter down one position to switch the vehicle to D gear. While the vehicle is moving forward, move the shifter down two positions to switch the vehicle to D gear.

When Driving Shift Control System

Current Gear: D

- When the vehicle is stationary, press the P switch to switch the vehicle to P gear.
- When the vehicle is stationary, depress the brake pedal and move the shifter up two positions to switch the vehicle to R gear.
- When the vehicle is stationary, move the shifter up one position; or while the vehicle is moving forward, move the shifter up one position and hold for 1 second to switch the vehicle to N gear.

Current Gear: P

- Depress the brake pedal and move the shifter up two positions to switch the vehicle to R gear.
- Depress the brake pedal and move the shifter up or down one position to switch the vehicle to N gear.
- Depress the brake pedal and move the shifter down two positions to switch the vehicle to D gear.

CAUTION

Shifting into P, N or R while the vehicle is moving can damage your transmission.

NOTE

Apply the parking brake or depress the brake pedal before moving the shifter from N position to prevent the vehicle from moving unexpectedly.

▼ Shift Position Indication

The corresponding gear information (P, R, N, D) will be displayed on the instrument panel at position ① .



When Driving Switches and Controls

Lighting Control

▼ Lighting Control

The Auto High Beam function can be turned ON/OFF via the central display main menu: Vehicle Centre → Light → Intelligent High Beam.

Height Adjustment: The vehicle's posture changes with load conditions, acceleration, or deceleration. You can adjust the tilt of the low beam headlight through the light interface on the centre display. Adjusting upwards increases the low beam's distance, while adjusting downwards decreases it.

⚠ CAUTION

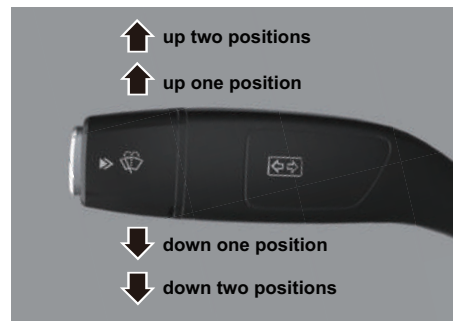
- Do not shade the light sensor by adhering a sticker or a label on the windscreen. Otherwise the light sensor will not operate correctly.



NOTE

- Do not leave the headlights and exterior lights on while the EV system is turned off. Otherwise, the battery power could be depleted.
- Headlights do not blind drivers approaching in the opposite direction no matter what side of the road you must drive your vehicle. Therefore, it is not necessary to adjust the optical axis of the headlights when switching temporarily to driving on the opposite side of the road.

▼ Turn and Lane-Change Signals



When Driving Switches and Controls

Lane Change Signal: Move the lighting control lever up/down one position to activate the right/left lane change signal. The corresponding turn signal will flash 3 times and then turn off.

Turn Signal: Move the lighting control lever up/down two positions to activate the right/left turn signal. The corresponding turn signal will flash. To turn off the turn signal, either allow the steering wheel to return to its original position or move the lighting control lever from its current position to the centre (neutral) position by moving it one position in the opposite direction.

NOTE

- There may be a problem with the direction indicator lights if they do not flash but remain turned on, or they flash abnormally. Have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

High Beam: After turning on the low beams by tapping the low beam switch on the centre display , move the light control lever forward to switch from low beams to high beams. Move the lighting control lever forward again to switch back to low beams.

Overtaking light: Pull the lighting control lever towards you to turn on the high beams, and release it to turn them off.

High Beam Assist (HBA)

The High Beam Assist (HBA) shares the camera with the Lane Assist System. When the system detects the taillights of a vehicle ahead, the headlights of an oncoming vehicle, or when the ambient light is bright, it automatically dims the high beams (i.e., turns off the high beams). When the ambient light dims and no vehicles are detected ahead, the high beams will be automatically reactivated.



HBA is an assist function and may not be suitable for all driving conditions. You must maintain control of the vehicle, drive cautiously, and take full responsibility for the vehicle's operation.

Under certain conditions, HBA will assist in switching the high beams. However, in the following scenarios or on certain roadways, the system may not switch the high beams, and manual control is required:

- When driving in heavy rain, dense fog, heavy snow, or through mud;
- When pedestrians or cyclists are present on or near the road;
- When making sharp turns.

If the lights of oncoming vehicles are blocked (e.g. by a median strip), the system may not turn off the high beams.

When Driving Switches and Controls

The Auto High Beam function can be turned ON/OFF via the central display main menu: Vehicle Centre → Light → Intelligent High Beam.

When the function is activated, a white  icon will appear at the top of the instrument cluster. Set the centre light icon to "AUTO" to put this function in standby mode.

When the function is in standby mode and the vehicle is driving at night at speeds above 30 km/h (19 mph), the system will automatically activate, and a green  icon will appear at the top of the instrument cluster.

When the camera detects a vehicle ahead, streetlights, or an increase in ambient light, the system will automatically turn off the high beams.

After the camera detects that the vehicle ahead has cleared for approximately 3 seconds, the high beams will be reactivated.

When the centre light icon is set to a position other than "AUTO," the system will remain in standby mode, and the high beams will no longer be

automatically turned on and off.

Even when this function is activated, the driver can still manually switch between high and low beams using the centre display light icon.

When Driving Switches and Controls

Windscreen Wipers and Washer

▼ Wiper Control Lever



The wiper switch  has two modes: Wiper Intermittent and Wiper Wash.

Wiper Intermittent: Lightly press the wiper switch  to activate the Wiper Intermittent function.

Wiper Wash: Press the wiper switch firmly  to activate the Wiper Wash function.

▼ Wiper Control

To make the wiper swipe once, lightly press the wiper switch.

To adjust the wiper speed, tap the option on the central display: Vehicle Centre → Vehicle Settings → Wiper Speed.

The following options are available:

Disable: The wiper is disabled;

Low Speed: The wiper operates

continuously at low speed;

High Speed: The wiper operates continuously at high speed;

Auto: The wiper speed adjusts automatically.

⚠ CAUTION

- Do not shade the rain sensor by adhering a sticker or a label on the windscreen. Otherwise the rain sensor will not operate correctly.



- When the vehicle is powered on and the wiper lever is in the AUTO position, the windscreen wipers may operate automatically in the following cases:

- The area of the windscreen above the rain sensor is touched or wiped with a cloth.
- The windscreen or the rain sensor area in the cabin is hit.

When Driving Switches and Controls

▼ Windscreen Washer

Press the wiper washing switch firmly to start the washer spray, and the wipers will begin to move.

When the wiper is in the "Off" position, releasing the wiper washing switch will stop the washer spray, but the wipers will continue to move for a short period.

When the wipers are in "Low Speed", "High Speed", or "Auto" mode, releasing the wiper washing switch will stop the washer spray, and the wipers will resume their movement at the set speed.



Do not operate the wiper washing system when the washer fluid is low to avoid damage to the washer motor.

Do not operate the wipers on a dry or frost/ice-covered windscreen to avoid damage to both the windscreen and the wiper blades.

When the temperature is below 0°C, please use antifreeze washer fluid.

Hazard Warning Flasher

▼ Hazard Warning Flasher

Be sure to turn on the hazard warning lights when you have to stop urgently on or near the road.

(Applicable to European regions)



(Applicable to non-European regions)



Press the hazard warning light switch located on the front map light panel  to activate the hazard warning lights. All turn signals will flash. Press the switch again to turn them off. The hazard warning lights can still function after the vehicle is powered off.

NOTE

- The direction indicators do not work when the hazard warning lights are on.
- Check local regulations about the use of hazard warning lights while the vehicle is being towed to verify that it is not in violation of the law.

When Driving

Warning Chimes and Alerts

Sound Warnings and Alerts

▼ Turn Signals

When the vehicle is powered on, and the instrument cluster receives left or right turn signals, the speaker will emit a chime synchronized with the flashing of the turn signals.

▼ Door Not Closed

When the vehicle is switched on and the gear selector is in any position other than Park (P), and the vehicle is travelling at a speed exceeding 3 km/h (1.86 mph), if any door remains open, the system will emit a continuous audible alert. This alert will cease as soon as all doors are securely closed.

▼ Seat Belt Reminder

When the vehicle is powered on, if any occupant's seat belt is unfastened and the driving distance exceeds 300 metres (984.3 ft) at a speed of 10 km/h (6 mph) or greater, an audible reminder will be activated. The warning will automatically cease after two minutes.

NOTE

- The audible alert operates in conjunction with the seat belt warning light.

▼ Unlock Mode Change Successful

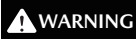
When the vehicle is powered on and the unlock mode change is successful, the speaker will emit a chime to notify you.

Brake System

▼ Front and Rear Disc Brakes

This vehicle is equipped with hydraulic disc brakes. Pressing or releasing the brake pedal engages or disengages the braking system.

When starting the vehicle by pressing the brake pedal, the brake pedal may suddenly feel soft. This is a normal operation of the brake booster system.



Do not coast with the EV system stopped and stop the vehicle in a safe place:

Coasting the vehicle with the EV system stopped is dangerous. Braking will require more effort, and the brake's power-assist could be depleted if you pump the brake. This will cause longer stopping distances or even an accident.

Do not continuously press the brake pedal or steadily apply brakes for long distances when going down steep hills:

Driving with your foot continuously on the brake pedal or steadily applying the brakes for long distances is dangerous. This causes overheated brakes, resulting in longer stopping distances or even total brake failure. This could cause loss of vehicle control and a serious accident. Avoid continuous application of the brakes.

Dry off brakes that have become wet by driving slowly, releasing the accelerator pedal and lightly applying the brakes several times until the brake performance returns to normal:

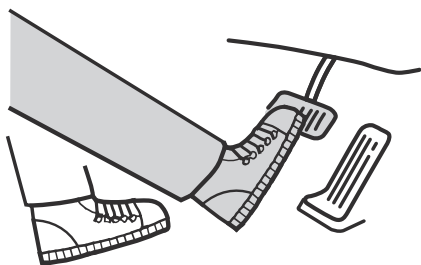
Driving with wet brakes is dangerous. Increased stopping distance or the vehicle pulling to one side when braking could result in a serious accident. Light braking will indicate whether the brakes have been affected.

⚠ CAUTION

- Ensure all brake system indicator lights are functioning properly before driving.
- The brake pads are equipped with a wear indicator. If you hear a metal scraping noise (spring clip scraping the brake disc) during braking, consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.
- Do not continue driving once the brake pads are worn to their limit, as this can easily lead to accidents.
- Do not drive with your foot held on the brake pedal. Doing so could result in the following:
 - The brake parts will wear out more quickly.
 - The brakes can overheat and adversely affect brake performance.
- Always depress the brake pedal with

When Driving Brake

the right foot. Applying the brakes with the unaccustomed left foot could slow your reaction time to an emergency situation resulting in insufficient braking operation.



- Wear shoes appropriate for driving in order to avoid your shoe contacting the brake pedal when depressing the accelerator pedal.

▼ Electronic Parking Brake (EPB)

The common functions of the EPB include: static parking, drive-away assist, high-temperature re-clamping, dynamic parking, and automatic parking on power-off. After the vehicle comes to a complete stop, pressing the P gear switch or tapping the "Electronic Parking Brake" icon on the centre display (Vehicle Centre → Safety → Electrical Parking Brake (EPB)) will engage the parking brake, and the EPB indicator light  will illuminate (red). To release the parking brake, first depress the brake pedal, then shift from P to D/R/N, which will disengage the EPB, and the corresponding indicator light will turn off. It is normal for operational noise to occur when engaging or releasing

the parking brake.

WARNING

Do not drive the vehicle with the parking brake applied:

If the vehicle is driven with the parking brake applied, the brake parts may generate heat and the brake system may not operate, leading to an accident. Before driving the vehicle, release the parking brake and ensure that the EPB indicator light in the instrument cluster turns off.

Apply the parking brake when leaving the vehicle:

Not applying the parking brake when parking the vehicle is dangerous as the vehicle may move unexpectedly and result in an accident. Before leaving the vehicle, apply the parking brake and ensure that the EPB indicator light in the instrument cluster turns on.

CAUTION

- When leaving the vehicle, please use the P gear for parking to ensure safety and reliability.
- If the rear calliper friction pads need replacement, consult an expert repairer (we recommend an Authorised Mazda Repairer).

When Driving Brake

NOTE

- The parking brake cannot be applied or released while the vehicle battery is dead.
- The sound of the parking brake being applied or released can be heard, however, this does not indicate a problem.
- If the EPB is not used for long periods, an automatic inspection of the system is performed while the vehicle is parked. An operation sound can be heard, however, this does not indicate a problem.
- The brake pedal may move while applying or releasing the parking brake, however, this does not indicate a problem.
- When using an automatic car wash which moves the vehicle with the front tyres mounted, it is necessary to cancel the parking brake auto operation before the vehicle enters the automatic car wash.
- Release the parking brake and use neutral hold mode (wash mode) when it is necessary to change the shift position to the N position for an automatic car wash.

▼ Drive Away Assist (DAA)

DAA is one of the auxiliary functions of EPB. When DAA is working, the EPB can automatically release the parking brake when the conditions are met, so as to improve the convenience of starting.

DAA working conditions: Fasten the driver's seat belt, close the driver's door, gear in D or R gear, moderately press the accelerator pedal.

WARNING

- DAA can be used for reversing, please ensure safety.

When Driving Brake

▼ High Temperature Re-Clamping Function (HTR)

The HTR is one of the electronic parking assistance functions. Multiple braking operations may cause the brake discs to overheat. To ensure parking safety, the HTR automatically activates, re-clamping at intervals after parking to ensure parking effectiveness. During this time, a working sound may be heard, which is a normal phenomenon.



- After multiple continuous braking operations, try to park the vehicle on a flat surface to ensure parking safety.

▼ Dynamic Braking Function (DBF)

The DBF is one of the electronic parking brake assist functions. While driving, holding down the P switch continuously can engage emergency braking. The DBF requires continuous pressing of the P switch to perform emergency braking. If the P switch is released, the brake will no longer be performed.



- DBF braking should only be used in emergency situations.

▼ Power-Off Auto Parking Function (AUTO APPLY)

After the vehicle powers off, the EPB will automatically engage the parking function.

To ensure safety, please confirm that the auto parking function is engaged before leaving the vehicle. The following indicators show that the power-off auto parking function has been activated:

- The parking "P" light on the instrument panel will illuminate for about thirty seconds after power-off;
- The rear brakes will emit a motor operation sound for about two seconds.



If you need a trailer, please be sure to click [Vehicle Centre] → [Safety] → [Trailer Mode] on the centre display to release the electronic parking (for details, see the "If Trouble Arises → Emergency Towing → Towing Description → Trailer Mode" section). If the trailer mode is not enabled for towing, the vehicle will be damaged.

AUTO HOLD

▼ AUTO HOLD

AUTO HOLD helps the driver automatically hold the vehicle in place by maintaining brake pressure via the ESC. Even if the driver releases the brake pedal, the vehicle will not roll. Pressing the accelerator pedal under the right conditions will automatically release the parking hold, allowing the vehicle to start smoothly. Alternatively, after releasing the brake pedal, pressing the brake pedal firmly again will also automatically release the parking hold.

AUTO HOLD can assist the driver in the following situations:

- When starting, especially on steep slopes;
- When moving the vehicle on steep slopes;
- When the vehicle needs to wait during road driving.

AUTO HOLD operating conditions:

- The vehicle is completely stationary;
- The instrument panel displays READY;
- The driver's door is closed;
- The driver's seat belt is fastened, and the driver's seat sensor detects someone sitting;
- The electronic parking brake warning light is off;

- The ESC system is on and functioning properly.
- Press the brake pedal deeply.

If there is a tendency for the vehicle to roll after AUTO HOLD is engaged, AUTO HOLD will automatically increase the brake pressure to prevent vehicle movement, accompanied by the sound of the ESC motor. If the vehicle shows a tendency to slide a second time, AUTO HOLD will automatically switch to the electronic parking brake; this is normal.

When starting the vehicle, if AUTO HOLD is active, pressing the accelerator pedal or pressing the brake pedal firmly again after releasing it will deactivate the auto hold.



Do not rely completely on the AUTO HOLD function:

The AUTO HOLD function is only designed to assist the brake operation while the vehicle is stopped. Neglecting to operate the brakes and relying only on the AUTO HOLD system is dangerous and could result in an unexpected accident if the vehicle were to suddenly move. Operate the brakes appropriately in accordance with the road and surrounding conditions.

Note that the vehicle may move suddenly depending on the vehicle's load or if it is towing something.

When Driving Brake

Do not release your foot from the brake pedal while the vehicle is stopped on a steep grade:

Because there is a possibility of the vehicle not being held in the stopped position by the AUTO HOLD function, the vehicle may move unexpectedly and result in an accident.

Do not use the AUTO HOLD function on slippery roads such as icy or snow-covered roads, or unpaved roads:

Even if the vehicle is held in the stopped position by the AUTO HOLD function, the vehicle may move unexpectedly and result in an accident. Operate the accelerator pedal, brakes, or steering wheel appropriately as necessary.

Always apply the parking brake when parking the vehicle:

Not applying the parking brake when parking the vehicle is dangerous as the vehicle may move unexpectedly and result in an accident. When parking the vehicle, shift the selector lever to the P position and apply the parking brake.

CAUTION

- If you stop operating the accelerator pedal before the vehicle starts moving, the force holding the vehicle in the stopped position may weaken. Firmly depress the brake pedal or depress the accelerator pedal to accelerate the vehicle.

NOTE

- AUTO HOLD is factory-set to be enabled;
- When both AUTO HOLD and Hill Launch Assist (HLA) conditions are met, AUTO HOLD will take precedence, and the instrument panel will illuminate (A) when AUTO HOLD is active;
- AUTO HOLD will automatically switch to the electronic parking brake after approximately three minutes of continuous operation;
- When AUTO HOLD is engaged, the ESC operating sound may be heard, which is normal;
- AUTO HOLD is not a substitute for the electronic parking brake; please park safely to ensure the vehicle does not roll;
- If the driver's side door is opened while AUTO HOLD is active, AUTO HOLD will immediately disengage and switch to the electronic parking brake to prevent rolling;
- In the event of an AUTO HOLD malfunction, the instrument panel will illuminate (A) . Please consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.

Antilock Brake System (ABS)

In emergency situations or when driving on slippery roads, the ABS system prevents the wheels from locking up, helping the vehicle maintain steering capability and directional (left-hand or right-hand traffic) stability, thus enhancing vehicle control during braking.

When the ABS is active, the brake pedal may vibrate (pedal pulsation), and the ABS motor in the motor compartment may produce a working sound; this is a normal phenomenon.

Each time the vehicle powers on, the ABS will perform a dynamic self-check the first time the vehicle speed reaches 40 km/h (25 mph), producing a sound, which is normal.

WARNING

Do not rely on ABS as a substitute for safe driving:

The ABS cannot compensate for unsafe and reckless driving, excessive speed, tailgating (following another vehicle too closely), driving on ice and snow, and hydroplaning (reduced tyre friction and road contact because of water on the road surface). You can still have an accident.

NOTE

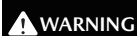
- Braking distances may be longer on loose surfaces (snow or gravel, for example) which usually have a hard foundation. A vehicle with a normal braking system may require less distance to stop under these conditions because the tyres will build up a wedge of surface layer when the wheels skid.
- You might hear the sound of a motor when starting the EV system or immediately after starting to drive the vehicle. However, it does not indicate a problem.

When Driving ABS/TCS/DSC/HLA

Traction Control System (TCS)

The TCS system helps maintain traction by detecting wheel slippage and controlling the braking torque and electric drive output torque to prevent or reduce wheel slippage. This enhances vehicle stability, acceleration performance, and climbing ability.

If the vehicle is stuck in snow, mud, or sand, it is recommended to turn off the traction control system to restore motor output torque and increase the power needed to overcome the obstacle.



Do not rely on the Traction Control System (TCS) as a substitute for safe driving:

The Traction Control System (TCS) cannot compensate for unsafe and reckless driving, excessive speed, tailgating (following another vehicle too closely), and hydroplaning (reduced tyre friction and road contact because of water on the road surface). You can still have an accident.

Use snow tyres or tyre chains and drive at reduced speeds when roads are covered with ice and/or snow:

Driving without proper traction devices on snow and/or ice-covered roads is dangerous. The Traction Control System (TCS) alone cannot provide adequate traction and you could still have an accident.

Dynamic Stability Control (DSC)

The Dynamic Stability Control (DSC) system uses sensors to monitor the vehicle's status and controls the braking torque of the wheels or the output torque of the electric drive when the vehicle is in a critical stability state (such as during sharp turns or sudden lane changes). This enhances vehicle stability, effectively reduces the probability of accidents, and improves driving safety.

When the DSC is operational, the DSC function indicator light will flash, the brake pedal will vibrate slightly, and the sound of the DSC motor working can be heard from the motor compartment; these are all normal phenomena.

To activate or deactivate: Press the ESP OFF (ESC_OFF) icon on the centre display (Vehicle Centre → Driving Mode), the Dynamic Stability Control (DSC) OFF indicator light on the instrument panel will illuminate, and the DSC and TCS systems will be turned off. Press the ESP OFF (ESC_OFF) icon again, the indicator light will turn off, and the DSC and TCS will be activated.

When the DSC function malfunctions, the DSC function indicator on the instrument panel is always on to remind you that the DSC function is in a fault state, consult an expert repairer

(we recommend an Authorised Mazda Repairer).

WARNING

In order to improve driving safety, it is recommended to enable the DSC function.

When Driving ABS/TCS/DSC/HLA

Hill Launch Assist (HLA)

The Hill Launch Assist (HLA) system facilitates a smoother start-up process on sloped surfaces. Upon releasing the brake pedal, this feature maintains the vehicle's static position momentarily, allowing sufficient time to engage the accelerator and initiate movement without the risk of rollback.

CAUTION

Should the vehicle remain stationary beyond an approximate duration of two seconds post-brake release, or should the driver fail to apply adequate acceleration, the HLA function will cease its operation. This cessation could potentially lead to vehicular rollback, thereby increasing the likelihood of accidents and associated injuries.

In the event that the driver side door is opened during the activation of the HLA mechanism, it will promptly deactivate and transition control to the electronic parking brake system, thus ensuring continued immobilization of the vehicle and prevention of unintended motion.

NOTE

- HLA is enabled by default.
- Operating sounds from the Dynamic Stability Control (DSC) during HLA activation are normal.
- HLA will not actively pressurize, and

if the brake pedal is pressed with less force, HLA may not work.

- In the event of HLA system malfunction, contact an expert repairer (we recommend an Authorised Mazda Repairer) immediately.

When Driving Power Steering

Power Steering

▼ Power Steering

The steering wheel feels light during low-speed manoeuvres and firm during high-speed driving, enhancing driving comfort and handling stability.

In the following situations, the Electric Power Steering (EPS) warning light does not illuminate, but the driver may feel the steering is heavy. This is a normal condition:

- If the vehicle is stationary and the steering wheel is frequently operated or turned for a long period, the power assist effect of the electric steering system may decrease to prevent the system from overheating. In this case, avoid turning the steering wheel and wait for the system to cool down before operating again.

NOTE

- Frequent turning of the steering wheel while the vehicle is stationary may damage the Electric Power Steering system.
- When turning the steering wheel, you may hear a sound from the power assist motor (a humming noise), which is normal.
- Do not disassemble or replace the steering gear, steering column, or steering wheel by yourself. If replacement is necessary, consult

an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.

⚠ CAUTION

- Do not hold the steering wheel at the maximum position for more than 10 seconds, as this may damage the power assist motor.

When Driving

Drive Mode Selection

Drive Mode Selection

▼ Introduction to Driving Modes

There are three driving modes: Comfort, Sport, and Custom. You can select and configure different driving modes via the central display: Vehicle Centre → Driving Mode.

Comfortable Mode

In this mode, the vehicle's acceleration performance is smooth, deceleration when releasing the accelerator pedal is gentle, the steering wheel feels light, providing an overall comfortable driving experience.

Sport Mode

In this mode, the vehicle's acceleration performance is stronger, deceleration when releasing the accelerator pedal is medium, the steering wheel feels heavier, providing an overall sportier driving experience.

Custom Mode

In this mode, users can customize the driving performance to a certain extent:

- Power Style: Medium (balanced power delivery), Strong (powerful power delivery);
- Energy Recovery Intensity: Low (no energy recovery during coasting), Standard (comfortable deceleration during coasting), Medium (moderate deceleration during coasting), Strong (strong deceleration during coasting);
- Steering Power Mode: Standard (moderate power steering assistance, moderate steering feel), Sport (reduced power steering assistance, firmer steering feel);

When Driving Drive Mode Selection

NOTE

1. When the high-voltage battery is fully charged or at a higher charge level, the deceleration feeling after releasing the accelerator pedal is reduced in all driving modes. As the battery charge decreases, it will gradually return to normal.
2. When the accelerator pedal is released, if the deceleration generated by energy recovery is significant, the vehicle will activate the brake lights.
3. When a trailer is connected, the system automatically switches to Sport Mode for more stable driving. Users may choose to switch to other modes if preferred.

Driving Tips

▼ High-Speed Driving

- Maintain proper tyre pressure.
- The higher the speed, the longer the braking distance. Adjust brake pedal pressure according to the speed.
- Maintain a safe distance from the vehicle ahead.
- Reduce speed and grip the steering wheel firmly when passing through mountain passes, overtaking large vehicles, or driving through tunnel entrances, as crosswinds may affect the vehicle.

WARNING

Avoid high-speed driving at night, in rainy conditions, when crossing water, or on slippery roads.

▼ Night Driving

- Avoid high-speed driving and maintain a safe distance from the vehicle ahead.
- Adjust the rear-view mirror before driving to reduce glare.
- Ensure the headlights are clean before driving to avoid obstructed vision.
- Check the low beam, high beam, turn signals, horn, and other equipment for proper functionality before driving.

When Driving

Drive Mode Selection

▼ Driving in Rainy Conditions

- Drive slowly and maintain a safe distance from the vehicle ahead. Heavy rain can reduce visibility and increase braking distances.
- Check the condition of the windscreen wipers before driving.
- Inspect the tyres before driving, as poor tyre condition can lead to skidding or accidents.
- Lightly press the brake pedal several times while driving to remove water from the brake discs and pads, restoring normal braking performance.

WARNING

Always turn on the headlights when driving in the rain to ensure visibility to others.

▼ Driving in Waterlogged Areas

- Avoid potholes and waterlogged areas while driving to prevent water from entering high-voltage electrical components.
- Reduce speed as much as possible, and do not press the brake pedal when both the left and right wheels are simultaneously passing through a waterlogged area to avoid skidding.
- Do not exceed the recommended wading depth, as this could damage the electrical system and the reducer.

- After driving through water, lightly press the brake pedal several times to restore the brakes to a dry condition.

▼ Mud Driving

- Avoid high-speed driving and sudden acceleration.
- Avoid using heavily worn tyres whenever possible.
- Perform maintenance on the vehicle after long-distance driving in muddy conditions.

▼ Hill Driving

When climbing a hill, adjust the depth of accelerator pedal pressure according to the slope gradient and vehicle speed to improve the vehicle's hill-climbing ability.

WARNING

Coasting in neutral is strictly prohibited when driving on hills.

When Driving Advanced Driver-Assistance Systems (ADAS)

Advanced Driver-Assistance Systems (ADAS)

▼ Advanced Driver-Assistance Systems (ADAS)

Advanced Driver-Assistance Systems (ADAS) is a collective term covering a series of advanced safety and driver support systems. These systems include both active safety features and pre-collision safety systems.

ADAS systems are designed to enhance driving safety by reducing driver workload and either preventing collisions or minimising their impact. Whilst ADAS provides valuable assistance, it has limitations. Drivers must remain vigilant and not depend entirely on these features.

WARNING

When using the electric tow hook, the following functions will be disabled: Adaptive Cruise Control (ACC), Intelligent Adaptive Cruise Control (IACC), Lane Keeping Assist (LKA), Emergency Lane Keeping (ELK), Lane Change Assist (LCA), Blind Spot Detection (BSD), Door Open Warning (DOW), Rear Collision Warning (RCW), Rear Cross Traffic Alert (RCTA), and Rear Cross Traffic Braking (RCTB).

Smart Brake Support (SBS)

▼ System Overview

Automatic Emergency Braking (AEB) includes forward collision warning and automatic emergency braking.

The forward collision warning alerts the driver to brake in time when there is a risk of rear-end collision with the vehicle ahead.

If the driver's braking force is inadequate, Automatic Emergency Braking (AEB) provides additional braking assistance. In the absence of driver response, the system automatically applies full braking force to prevent or reduce collision impact.

Please thoroughly review this entire chapter before using the system.

CAUTION

- Automatic Emergency Braking (AEB) can only assist the driver in specific situations. At all times, the driver has the highest control over the vehicle and is fully responsible for ensuring driving safety.
- Automatic Emergency Braking (AEB) functions only for vehicles ahead in the same lane, whether moving or stationary. It does not work for oncoming vehicles, vehicles crossing laterally, pedestrians (except for models equipped with Cruising &

When Driving Advanced Driver-Assistance Systems (ADAS)

Traffic Support (CTS)), animals, and other objects on the road. It may not work for targets with small radar reflections such as motorcycles and bicycles.

- Due to the system's inherent limitations, false triggers cannot be completely avoided.

Automatic Emergency Braking (AEB) uses the front radar sensors shared with the ACC system to detect vehicles ahead. On models equipped with Cruising & Traffic Support (CTS), Automatic Emergency Braking (AEB) will integrate the front radar sensors and the front intelligent camera to identify targets ahead. The detection limitations of the radar and camera will similarly affect the performance of the Automatic Emergency Braking (AEB).

CAUTION

The system's detection capabilities may be affected by complex traffic conditions, road environments, weather conditions and other variables. In (but not limited to) the following situations, Automatic Emergency Braking (AEB) may not trigger or its performance may be degraded. Please do not rely excessively on Automatic Emergency Braking (AEB), and do not intentionally test or deliberately wait for Automatic Emergency Braking (AEB) to trigger:

- Severe weather (such as heavy rain,

heavy snow, hail, etc.) and slippery road surfaces (such as icy, snowy, wet, or waterlogged road sections, etc.).

- For targets cutting in, targets detected only after your vehicle changes lanes, targets in sharp curves, and targets that brake urgently at close range, etc.
- Environments where the radar is interfered with (such as electromagnetic interference, transformer stations, underground parking lots, tunnels, iron bridges, rail tracks, construction areas, width and height restriction gates, etc.).
- When the radar installation position changes, such as when subjected to strong vibrations or minor collisions.
- The camera may not operate in cold, harsh weather conditions. Rain, snow, fog, and low light can affect the camera's recognition of pedestrians, reducing the performance of Automatic Emergency Braking (AEB) for pedestrians.
- When sensors are blocked by bird droppings, mud, ice, insects, etc.
- Structural modifications to the vehicle (such as lowering the chassis height, changing the front license plate mounting plate, etc.) may reduce the performance of Automatic Emergency Braking (AEB)

When Driving Advanced Driver-Assistance Systems (ADAS)

or increase the false trigger rate.

- The driver pressed the accelerator pedal deeply.
- The target is a special vehicle with an irregular shape and no obvious rear profile.

▼ To Operate the System

In the centre display, go to "Vehicle Centre → Smart Drive → Safety Assistance" interface to turn on or off the two functions: "Forward Collision Warning" and "Automatic Emergency Braking".



The automatic emergency braking assist function must be turned off in the following situations:

- When the vehicle is being towed;
- When the vehicle is on a dynamometer;
- When the radar installation position has changed (such as after a rear-end collision).

▼ Automatic Emergency Braking Function

If the driver applies insufficient braking force after the forward collision warning alerts, the automatic emergency braking will assist the driver in braking. The instrument panel will display "Collision Risk, Automatic Emergency Braking". This function is effective when the vehicle speed is within the following ranges:

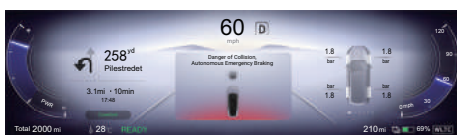
- For stationary vehicles:
4 km/h (2.5 mph) ~ 85 km/h (52 mph);
- For moving vehicles:
4 km/h (2.5 mph) ~ 150 km/h (90 mph);
- For pedestrians:
4 km/h (2.5 mph) ~ 85 km/h (52 mph);
- For lateral cyclists at speeds (10 ~ 30 km/h) (6 ~ 20 mph):
4 km/h (2.5 mph) ~ 85 km/h (52 mph);

NOTE

- Automatic Emergency Braking (ABS) is a background working system that will not be noticed by the driver. Even if a target ahead is detected by the system, it will not trigger an alarm or automatic braking before the danger level reaches a certain threshold.
- To reduce braking response time, when the system detects a collision risk, it will proactively build up

When Driving Advanced Driver-Assistance Systems (ADAS)

brake fluid pressure based on the level of danger. During this process, the ESC's electromagnetic valve and motor will work, and the driver may hear a "ticking" sound. This is a normal phenomenon when the Automatic Emergency Braking (ABS) is working.



The system will not function in the following situations (not limited to):

- Automatic emergency braking function is turned off;
- The driver is not fasten a seat belt;
- The gear is not in D (Drive);
- Vehicle speed is outside the operating speed range;
- The driver is braking or actively steering;
- The driver is sharply pressing the accelerator pedal;
- The vehicle is powered off;
- The system determines that the collision risk has been resolved;
- The vehicle is unstable;
- The system is initializing;
- ESC system malfunction;
- Automatic emergency braking system malfunction;
- Radar is obstructed;

- Camera is obstructed (for pedestrians and cyclists).

NOTE

- The Automatic Emergency Braking (ABS) actively brakes the vehicle to a safe stop. Two seconds after the vehicle comes to a complete stop, the system will release the brakes. The driver must promptly take control of the vehicle (such as by pressing the brake pedal).

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Forward Obstruction Warning (FOW)

▼ Forward Collision Warning (FCW)

The vehicle detects objects in front and, when it identifies a collision risk with a front target (vehicle), it alerts the driver through sound and text prompts to ensure driving safety.

When following too closely for an extended period, the instrument panel will prompt "Please maintain a safe distance". This warning only applies to moving vehicles when the vehicle speed is between 60 km/h (40 mph) and 150 km/h (90 mph).



The forward collision warning function will not work in the following situations:

- Forward collision warning function is turned off;
- The gear is not in D (Drive);
- Vehicle speed is outside the operating speed range;
- The driver is braking or actively steering;
- The driver is sharply pressing the accelerator pedal;

- The vehicle is powered off;
- The system determines that the collision risk has been resolved;
- The vehicle is unstable;
- The system is initializing;
- ESC system malfunction;
- Instrument cluster malfunction;
- Automatic emergency braking system malfunction;
- Radar is obstructed;
- Camera is obstructed.

The Forward Collision Warning (FCW) function's sensitivity is divided into three levels: early, centre, and late. Higher sensitivity triggers warnings earlier and more frequently.

When the vehicle is traveling at medium to high speeds, if there is a risk of collision with a target ahead, the centre display will show a "Collision Risk" warning and emit a continuous sound alarm. Pedestrians can only be recognized by models that have integrated the front-view camera, and the detection limitations of both the camera and radar will affect the performance of the pedestrian automatic emergency braking system.

This warning functions when the vehicle speed is in the following range:

- For stationary vehicles: 8 - 150 km/h (5 - 90 mph);

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- For moving vehicles: 8 - 150 km/h (5 - 90 mph);
- For crossing pedestrians: 8 - 85 km/h (5 - 52 mph).

High Beam Control Headlights (HBC)

▼ System Overview

The High Beam Control Headlights (HBC) system has two functional modes:

1. Automatically controls headlight activation based on external light intensity detected by the front-view camera or light sensor;
2. The High Beam Control Headlights (HBC) system intelligently switches between high and low beams by sensing the lights of oncoming vehicles through the forward sensing camera.

CAUTION

- Do not adjust the vehicle height, modify the headlight units, or remove the camera, otherwise the system will not operate normally.
- Do not rely excessively on the High Beam Control Headlights (HBC). Switch the headlights between the high beams and low beams manually if necessary.

▼ Turning On High Beam Control Headlights Function

There are two ways to turn on the function of high beam control headlights:

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1. Access the control centre on the centre display, tap High Beam Control Headlights to turn on/off this function.
2. On the main screen of the central control display, click "Vehicle Centre" → "Lights" in turn, then tap High Beam Control Headlights to turn on/off this function.

After activating the function, a white  icon appears above the instrument panel. At this time, set the central light icon to "AUTO", and the function enters standby mode.

When the function is in standby mode, while driving at night, the function automatically activates when the vehicle speed is above 30 km/h (20 mph), and a green  icon is displayed above the instrument panel.

When the camera detects vehicles

ahead, street lights, or increased ambient brightness, the function automatically turns off the high beams.

The high beams will turn back on about 3 seconds after the camera detects that the vehicles ahead have disappeared.

When the central light icon is set to a position other than "AUTO", the function enters standby mode and no longer automatically turns on and off the high beams.

Even after activating this function, the driver can still manually switch between high and low beams using the light icon on the centre display.

The system will not function in the following situations (not limited to):

1. ABS or ESP is activated (no switching between high and low beams);
2. Fog lights are on and the camera detects heavy fog;
3. The steering wheel angle is too large;
4. The vehicle's lateral acceleration is too high;
5. The vehicle's yaw rate is too high;
6. High-speed windscreen wipers: when operating at high speed for more than 60 seconds.

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Lane Keeping Assist (LKA)

▼ System Overview

Lane Keeping Assist (LKA) uses a front-facing camera to identify the lane markings of the road being travelled and calculate the relative position of the vehicle to the lane. When the driver unintentionally deviates from the lane, the system issues a warning to alert the driver. When the vehicle is about to drift off the lane line, the system controls the steering system to actively steer and correct the direction (left-hand or right-hand traffic), ensuring that the vehicle remains within the lane.

Lane Keeping Assist (LKA) includes the Lane Departure Warning System (LDWS) and the Lane Departure Prevention System (LDP).

▼ Function Selection

To configure the Lane Keeping Assist settings (if equipped), navigate to [Vehicle Centre] → [Smart Drive] → [Driving Assistance]. Available modes are: Correction, Warning, Correction + Warning and Disable.

If you choose the [Correction] option, when the vehicle strays from the lane, the system will briefly offer assisted steering to correct the vehicle's path.

If you choose the [Warning] option, when the vehicle leaves the lane, the system will give a lane departure warning.

For these two choices above, the indicator light of the lane departure warning system in the instrument cluster display turns green.

If you pick the [Correction + Warning] option, when the vehicle deviates from the lane, the system will give a lane departure warning and briefly provide assisted steering to correct the vehicle's path.

If you choose [Disable] option, the indicator light of the lane departure warning system in the instrument cluster display turns orange.

If there's currently an audible or steering wheel vibration alarm, the current status icon will flash.

When Driving Advanced Driver-Assistance Systems (ADAS)

▼ Lane Departure Warning (LDW) Overview

The Lane Departure Warning (LDW) is an auxiliary warning system that alerts drivers when they unintentionally deviate from their lane during high-speed driving conditions. It uses an intelligent front-view camera installed behind the windscreen to detect lane markings in front of the vehicle. When the vehicle crosses lane markings, it alerts the driver through visual, audio, or steering wheel vibration warnings.

WARNING

- LDW is an auxiliary function and cannot guarantee suitability for all driving situations. You must maintain control of the vehicle, drive cautiously, and take full responsibility for vehicle operation.
- The system will only potentially trigger warnings or corrections (if equipped with correction function) when it is activated and recognizes lane markings that meet relevant regulatory requirements.
- The system may not function normally under adverse weather conditions. Rain, snow, fog, and strong contrast light (such as entering or exiting tunnels) can all affect system functionality.
- The system may not operate or may issue false alarms in the following conditions or road sections:

1. Temporary construction markings on the road;
 2. Roads with standing water or cracks;
 3. Lane markings covered by dust, snow accumulation, etc.;
 4. Sensors being obstructed;
 5. Sharp turns or narrow roads.
- Windscreen repairs near the sensor (interior rearview mirror position) are strictly prohibited. Any cracks will affect camera recognition effectiveness, and the entire windscreen must be replaced.

▼ To Operate the System

1. Select "Warning" mode in "Lane Departure Switch" on the centre display;
2. Vehicle speed between 60 ~ 150 km/h (40~90 mph);
3. Both lane markings are visible;
4. Not in a low-speed curve;
5. Lane width is sufficient (vehicle width + 1 m (3.28 ft) < width < 4.5 m (14.76 ft));
6. The vehicle is in a stable state;
7. No obvious lane change operation by the driver;
8. The vehicle is not in the process of changing lanes.

After turning on the LDW function:

- When the vehicle speed is less than 60 km/h (40 mph), the system is in standby mode, and the Lane Departure Warning System status

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indicator on the instrument panel is white;

- When the vehicle speed is greater than 60 km/h (40 mph), the system automatically enters the activated state, and the Lane Departure Warning System status indicator on the instrument panel turns green.

If the sensor recognizes lane markings on both sides, the lane markings are filled in white (if only one side is recognized, only that side is filled; if neither side is recognized, both remain grey).



CAUTION

The driver should always be fully responsible for correctly controlling the vehicle and maintaining safety:

- The system will not continuously warn or correct. When the system issues a departure warning or provides steering assistance, the driver should immediately correct the vehicle's trajectory to ensure driving safety.
- Under system limitations, such as rain/snow/fog/dusty weather, poor visibility, etc., departure warnings or steering assistance may not be issued or may be issued late. Please do not use the system under these

limited conditions.

- The corrective steering assistance provided by the system may not be able to prevent the vehicle from departing from the lane, such as on wet and slippery roads, sharp curves, or at excessive speeds.

▼ Warning Mode

You can select the lane departure warning method in the centre display under "Vehicle Centre → Smart Drive":

1. Sound warning;
2. Vibration warning;
3. Sound warning + Vibration warning.

The instrument panel visual warning method is as follows: the lane markings display orange during lane departure/correction warning. For details, please refer to the "IACC Display Interface" section.

When a lane departure warning occurs, please immediately correct the vehicle's direction.

▼ Troubleshooting

When LDW detects that the camera is obstructed, system malfunction, uncalibrated, or related systems have failed, the LDW indicator on the instrument panel turns orange , and the instrument panel displays corresponding prompts:

1. Front intelligent camera obstructed;

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2. Lane assistance system malfunction;
3. Lane assistance system communication abnormal.

If the fault prompt does not automatically clear after a long time, and the fault still exists after restarting the vehicle, have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Lane Departure Prevention System (LDP)

When the Lane Departure Prevention System (LDP) is activated, if the vehicle unintentionally deviates from its driving lane, under conditions that meet the function's criteria, the LDP applies a counter-steering torque to assist the driver in keeping the vehicle within the normal driving lane. Simultaneously, the lane line on the departure side is highlighted in orange on the instrument cluster, alerting the driver to control the vehicle promptly.



▼ Warnings and Precautions When Using the System

⚠ WARNING

Do not rely entirely on Lane Departure Prevention (LDP) system.

- LDP is not an autonomous driving system. Overreliance on this system may lead to accidents.
- LDP has limitations. Do not rely completely on this system; always use the steering wheel to maintain your driving lane.

Do not use LDP under these conditions: (Unsafe operation may result in accidents).

- When the vehicle is driving on slippery roads, such as icy, snow-covered, or unpaved roads.
- When using non-specified tyre sizes, such as when using tyre chains or a temporary spare tyre.
- When using tyres with severely worn treads.
- When tyre pressure has not been adjusted to the specified pressure.
- When the vehicle is being used to tow a camping trailer or boat trailer.
- When the vehicle is driving on roads other than highways with white (yellow) lane markings.

When Driving Advanced Driver-Assistance Systems (ADAS)

CAUTION

- Follow these precautions to ensure LDP functions properly
 - Do not modify the vehicle's suspension.
 - Always use wheels of the specified size for both front and rear wheels. For tyre replacement, consult an expert repairer (we recommend an Authorised Mazda Repairer).

▼ To Operate the System

LDP operates to assist steering wheel operation when all of the following conditions are met.

- In the centre display, select "Correction" mode in the "Lane Departure Switch" settings.
- The vehicle speed is approximately 60 km/h (40 mph) or faster.
- The system detects white (yellow) lane lines.
- The Lane Departure Prevention (LDP) steering assist function is not operating.
- The system determines that the vehicle may deviate from its lane.

When steering wheel operation assistance is working, the driver is notified via the screen display.

Additionally, even when steering wheel operation assistance is working, a warning sound will be activated if

the driver is not operating the steering wheel.

NOTE

If the system determines that the driver is driving with hands off the steering wheel while the steering wheel operation assistance is working, and this situation continues repeatedly for a certain period, a warning sound will be activated. The more times the steering wheel operation assistance works, the longer the warning sound will be activated.

- LDP only works on the side where white (yellow) lines are detected.
- LDP may not function normally if any of the following conditions are met.
 - The front sensing camera (LDP) has difficulty detecting target objects.
 - The visibility of white (yellow) lane lines is poor.

LDP Temporary Cancellation

LDP is temporarily cancelled if any of the following conditions are met. LDP operation automatically resumes when the system's operating conditions are met.

- The turn signal lever is operated.
- The steering wheel is suddenly operated.
- The accelerator pedal is suddenly depressed.

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- The brake pedal is depressed.
- TCS/DSC is operating.
- TCS/DSC is turned off.

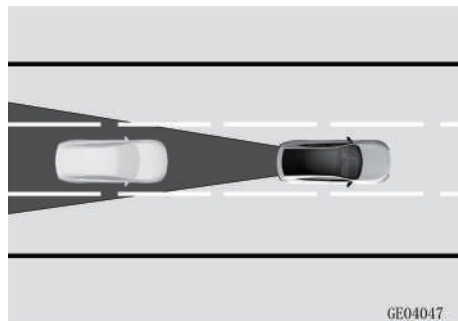
Rear Collision Warning (RCW)

▼ Rear Collision Warning

When enabled in Drive (D) gear, the Rear Collision Warning system alerts you through the instrument panel display, warning messages, and audible alerts if it detects a vehicle rapidly approaching from behind with risk of collision. At the same time, the hazard warning light (emergency flasher) will flash rapidly to warn the vehicles behind.



Detection Zone



Operating Conditions

The Rear Collision Warning system operates only when all of the following conditions are met:

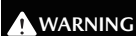
1. The transmission is in Drive (D);
2. Vehicle speed is between 0 and

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150 km/h (90 mph);

3. The system is activated;

4. The vehicle is powered on.



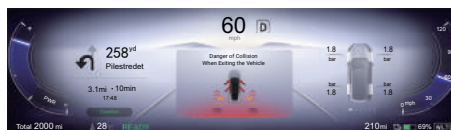
Do not completely rely on Rear Collision Warning System.

- The Rear Collision Warning system has limitations and cannot prevent all collisions. Over-reliance on this system may result in serious accidents.

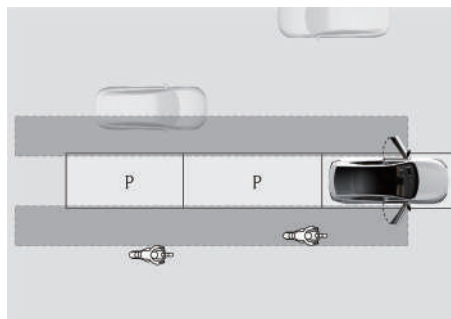
Door Open Warning (DOW)

▼ Door Open Warning (DOW)

The Door Open Warning (DOW) system helps protect vehicle occupants by detecting approaching vehicles when parked. If a collision risk is detected while opening doors, the system provides three types of alerts: Flashing indicators on the rear-view mirrors, warning messages on the instrument cluster, and audible alerts (which can be turned off via the settings menu).



Detection Zone



Operating Conditions

After the vehicle is parked, the DOW system activates only when all these conditions are met:

1. Vehicle is running and doors are unlocked;

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2. Doors are unlocked within 5 minutes after powering off the vehicle;
3. DOW system is activated and functioning properly;
4. Approaching vehicle speed difference is 2 km/h (1 mph) or greater;
5. System detects potential collision risk from side or rear traffic.

Troubleshooting

In the following situations, the instrument panel will display "Rear Assist Radar Fault", and the warning indicator on the rear-view mirror will remain illuminated:

- The radar sensor malfunctions;
- Malfunction of other related control units;
- The radar sensor's position has been damaged by external forces such as impact, or its installation position exceeds the normal operating range of the radar.

In the following situation, the instrument panel will display "Rear Assist Radar Blocked", and the warning indicator on the exterior rear-view mirror will remain illuminated:

- The radar sensor is obstructed by mud, ice, snow, modifications/ additional accessories, or stickers.

If the radar is obstructed, please remove any additional accessories or stickers from the radar sensor area.

If driving on muddy roads for an extended period, try washing the inner and outer surfaces of the rear bumper where the radar sensor is located, and always keep the sensor and surrounding area clean.

If the system fault message persists, have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

CAUTION

- Each time the vehicle is powered on, the warning indicator on the rear-view mirror will illuminate. If it turns off after 3 seconds, it indicates that the system is functioning normally.

WARNING

Do not completely rely on Door Open Warning (DOW).

- Door Open Warning (DOW) has limitations. Do not completely rely on this system, as excessive dependence on it may lead to accidents.

When Driving Advanced Driver-Assistance Systems (ADAS)

Emergency Lane Keeping (ELK)

▼ System Overview

The Emergency Lane Keeping System (ELK) is a system that intervenes by applying a counter-steering force when there is a risk of collision with the roadside barrier at medium to high speeds, when the vehicle deviates from the edge of the road, or when there is a risk of collision with "oncoming traffic" or "rear-approaching traffic". It is designed to avoid or reduce the damage caused by collisions by detecting the lane markings and the edge of the road as well as oncoming traffic using an intelligent forward sensing camera installed behind the windscreen, and detecting rear-approaching traffic using radar sensors installed on both sides of the rear bumper. ELK consists of Emergency Lane Keeping Based on Road Edge (ELK-re), Emergency Lane Keeping Based on Oncoming Traffic (ELK-O), and Emergency Lane Keeping Based on Rear-Approaching Traffic (ELK-LCS).

NOTE

ELK is an assistance function and cannot guarantee applicability in all driving situations. You must maintain control of the vehicle, drive cautiously, and take full responsibility for vehicle operation.

The system can only potentially trigger the ELK function when it is activated

and the lane markings meet relevant regulatory requirements.

The system may not function properly in adverse weather conditions. Rain, snow, fog, and strong contrast light (such as entering or exiting tunnels) can all affect system functionality.

The system may not operate or may trigger false corrections in the following conditions or road sections:

- Temporary construction lane markings, etc.;
- Road surface with standing water or cracks;
- Lane markings covered by dust, snow accumulation, etc.;
- Sensors being obstructed;
- Sharp turns or narrow roads;
- Towing a vehicle behind your vehicle.



Do not completely rely on ELK.

- The ELK function has limitations. Do not completely rely on this system, as excessive dependence on it may lead to accidents.



It is strictly prohibited to perform windscreen repairs near the sensor (interior rear-view mirror position). Any cracks will affect the camera's recognition effectiveness, and the

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entire front windscreen must be replaced.

Slight movement of the radar sensor may cause the system to malfunction. If the sensor or surrounding area is impacted, have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Usage Instructions

After the vehicle is powered on, tap [Vehicle Centre] → [Smart Drive] to enable or disable the "Emergency Lane Keeping" function.

After enabling the emergency lane keeping (ELK) function, when the vehicle speed exceeds the system's operating speed (ELK_LCS: 40 km/h (25 mph), ELK_re: 60 km/h (40 mph)), the system enters standby mode. If the sensors detect lane markings on both sides and there is a risk of collision with "oncoming vehicles" when the vehicle deviates from the lane, or if there is a risk of collision with road boundary barriers, the system will intervene briefly to correct the vehicle's trajectory.

⚠ CAUTION

The driver should always be fully responsible for proper vehicle control and maintaining safety:

- ▶ The system will not provide continuous steering assistance. When the system provides steering assistance, the driver should immediately correct the vehicle's trajectory to ensure driving safety.
- ▶ Under system limitations, such as rain/snow/fog/dusty weather or poor visibility, steering assistance may not be triggered or may be falsely triggered. Please do not use the system under these limiting conditions.

▼ Troubleshooting

When the forward sensing camera, side radar sensors, or related systems malfunction, it will result in the corresponding ELK function becoming unavailable. The emergency lane keeping (ELK) off indicator light in the instrument cluster turns orange. Please refer to the troubleshooting methods for the Rear Warning Assistance System and Lane Departure Warning System for inspection. If the fault cannot be eliminated, have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

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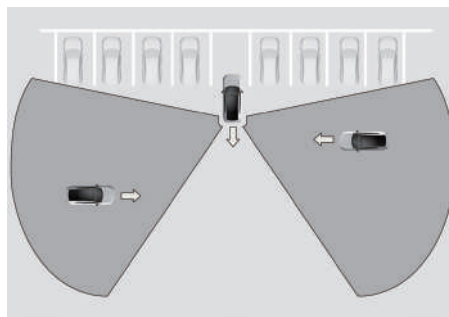
Rear Cross Traffic Alert (RCTA)

▼ Rear Cross Traffic Alert

The Rear Cross Traffic Alert (RCTA) system helps detect approaching vehicles when backing out of parking spaces, particularly in low-visibility conditions (such as Complex parking areas, Night driving, Foggy weather, etc.).

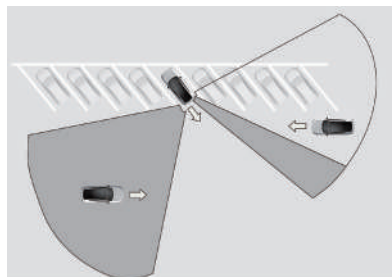
When the function is activated, the vehicle is powered on and in the R gear, there are no faults in the left and right modules, if another vehicle approaches rapidly from the side at the rear and there is a risk of collision with your vehicle, it will alert the driver through flashing warning lights on the exterior rear-view mirrors, audible alerts, and flashing warning indicator on the instrument cluster.

Detection Zone



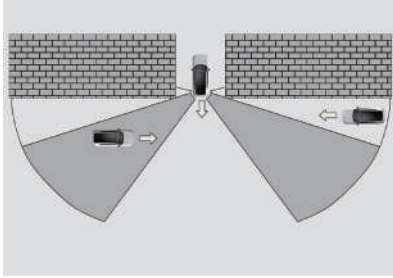
The Rear Cross Traffic Alert function cannot issue timely warnings in all reversing environments. In the following situations, due to obstruction of the detection zone by surrounding objects, warnings may only be activated when the target vehicle is very close to your vehicle:

1. The detection zone is obstructed by adjacent vehicles;



2. The detection zone is obstructed by objects such as walls or flowerbeds.

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WARNING

Do not completely rely on Rear Cross Traffic Alert (RCTA) system.

The system is only designed to assist you in checking for vehicles at the rear when putting the vehicle in reverse. Due to certain limitations with the operation of this system, the Blind Spot Monitoring (BSM) warning indicator lights may not flash or it might be delayed even though a vehicle is behind your vehicle. Always make it your responsibility as a driver to check the rear.

Rear Cross Traffic Braking (RCTB)

▼ System Overview

The Rear Cross Traffic Braking (RCTB) system uses radar sensors mounted on both sides of the rear bumper to detect approaching vehicles.

The Rear Cross Traffic Braking (RCTB) system automatically applies the brakes when it detects a potential collision with vehicles crossing behind while you are reversing. This helps prevent accidents or reduce impact severity.

If the driver's braking force is insufficient, the Rear Cross Traffic Braking (RCTB) function will assist the driver in braking. If the driver fails to react at all, the Rear Cross Traffic Braking (RCTB) function will actively apply the brakes to avoid or mitigate the injuries caused by a collision accident.

Please read carefully and familiarize yourself with all the contents of this chapter.

WARNING

The Rear Cross Traffic Braking (RCTB) system can only assist the driver under certain circumstances. At all times, the driver has supreme control over the vehicle and is fully responsible for ensuring the safety of the vehicle.

When Driving Advanced Driver-Assistance Systems (ADAS)

The Rear Cross Traffic Braking (RCTB) system only works when the vehicle passes laterally behind the target vehicle. The RCTB system will NOT detect:

- Vehicles traveling in the same direction;
- Stationary vehicles;
- Pedestrians or animals;
- Motorcycles and bicycles (due to limited radar reflection);
- Other small objects.

The system may occasionally activate when no collision risk exists due to technical limitations.

▼ RCTB Function

The RCTB system shares the rear radar sensors with the Rear Warning Assistance system to detect vehicles behind. The RCTB function is an advanced derivative of the RCTA within the Rear Warning system. The function's trigger range and limitations are the same as the Rear Cross Traffic Alert function. When the conditions for Rear Cross Traffic Alert are met and the system determines that there is an unavoidable risk of collision with a crossing vehicle behind based on the current reversing situation, the RCTB function will actively initiate braking.

Function activation conditions:

- The vehicle is in Reverse (R) gear;
- The vehicle speed is less than 15 km/h (9 mph);

- The target is within the monitoring range of the RCTA function.

The detection principle limitations of the Rear Warning Assistance system also affect the performance of the RCTB system.



- The RCTB system is primarily designed for parking lot reversing scenarios. Due to the complexity of real-time traffic, road, weather, and other driving environments, the system cannot ensure correct detection under all conditions. In (but not limited to) the following situations, the RCTB system may not trigger or may experience reduced performance. Please do not rely excessively on the RCTB system, and do not intentionally test or wait for the system to trigger:

- Adverse weather conditions (such as heavy rain, heavy snow, hail, etc.) and slippery road surfaces (such as icy, wet, or waterlogged road sections, etc.);
- For targets that suddenly cut in after being obscured, targets at angles beyond the function's set range, or targets outside the radar's detection range;
- Environments where radar is subject to interference (such as electromagnetic

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interference, underground parking lots, tunnels, iron bridges, railway tracks, construction areas, width or height restriction gates, etc.);

- Changes in radar installation position, such as when subjected to strong vibrations or minor impacts;
- When sensors are obstructed by bird droppings, mud, ice, insects, etc.;
- Structural modifications to the vehicle (such as lowering the chassis height, changing the front license plate mounting bracket, etc.) may reduce the performance of the RCTB system or increase the rate of false triggers.

▼ Reversing Lateral Assist

Turn the "Reversing Lateral Assist" function ON/OFF via the central display main menu: Vehicle Centre → Smart Drive → Safety Assistance.

WARNING

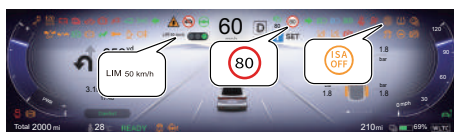
- The Reversing Lateral Assist is a background working system that will not be noticed by the driver. If a target in front is detected by the system, braking assistance will not be triggered until the danger level reaches a certain threshold.
- The Reversing Lateral Assist function must be turned off in the following situations:
 - When the vehicle is being towed;
 - When the installation position has changed (such as after a rear-end collision).

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Traffic Sign Recognition System (TSR)

▼ Function Overview

The Traffic Sign Recognition (TSR) system shares a camera with the Lane Assist system, detecting speed limit signs on/beside the road and displaying them on the instrument panel. It helps drivers observe road speed limit signs and alerts drivers through sound and visual warnings when the vehicle speed exceeds the recognized speed limit.



When there are both maximum and minimum speed limit signs, TSR displays the maximum speed limit.

! CAUTION

TSR is an assistance function and cannot be applicable to all driving situations. The speed limit recognized by the system may differ from the speed limit provided by your navigation system. You must maintain observation of your driving route, drive cautiously, and take full responsibility for maintaining a safe and legal vehicle speed. The TSR system provides any indications and warnings, but they do not replace the actual speed limits that may apply in specific situations. The driver is ultimately responsible for

adhering to the applicable speed limit.

▼ Usage Instructions

The TSR system is activated by default when the vehicle is unlocked and powered on. Additionally, you can also enable/disable the "Speed Limit Change Prompt Tone", "Intelligent Speed Limit", "Overspeed Warning", and set the on the main page of the centre display under "Vehicle Centre → Smart Drive → Speed Limit Assistant".

"Overspeed Warning" can be linked with the custom steering wheel switch, realizing one-switch ON/OFF.

When "Speed Limit Assistant" is turned off, the instrument cluster displays yellow  icon. If only Overspeed Warning is disabled, the yellow part is displayed on the instrument cluster  icon.

After the vehicle passes a speed limit sign, the instrument cluster will continuously display the speed limit information for a certain driving distance, such as "  ". After the vehicle passes a speed limit cancellation sign, the instrument

When Driving Advanced Driver-Assistance Systems (ADAS)

cluster will cancel the display of speed limit information (no specific value shown) " ⓪ ". If both the cancellation sign and the next section's speed limit value appear simultaneously, the speed limit value will be displayed directly.

When the fault performance of the TSR system is limited, the yellow fault icon  is displayed in the instrument screen.

▼ Functional Limitations

TSR detection performance is affected by weather, light conditions, and the position of road signs. TSR detection will be limited in the following situations:

- Tilted or damaged signs;
- Signs on curves;
- Signs that are completely or partially obscured or improperly placed;
- Signs covered by ice, snow, or thick dust;
- Signs outside the camera's field of view;
- Poor visibility conditions such as rain, snow, or fog;
- Insufficient light at night;
- Vehicle driving against the light.
- Maps locate restricted areas.

CAUTION

Improper windscreen repair may cause the camera position to change, affecting TSR functionality. Therefore, please consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.

The TSR system can automatically update the map data regularly in the background to ensure the accuracy of speed limit information.

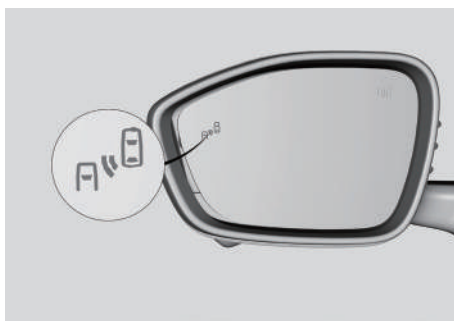
When Driving Advanced Driver-Assistance Systems (ADAS)

Lane Change Assist (LCA)

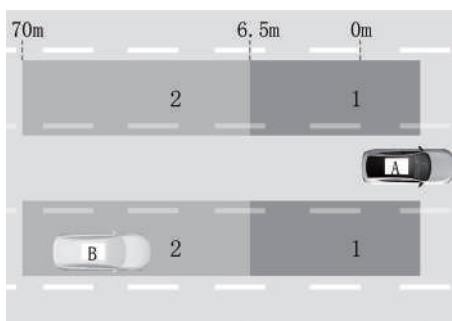
▼ Lane Change Assist (LCA)

The Lane Change Assist (LCA) function includes Blind Spot Monitoring and Lane Change Collision Warning features.

While driving, especially during turning or lane changing, if a dangerous vehicle is detected in the monitoring area, a warning indicator on the side mirror alerts the driver.



Detection Zone



1. Blind Spot Monitoring Area;
2. Lane Change Collision Warning Area;

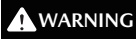
- A. Your Vehicle;
- B. Other Vehicle.

Operating Conditions

When the function is activated and your vehicle's speed exceeds 15 km/h (9 mph), if there is a moving vehicle in the Blind Spot Monitoring area or a rapidly approaching vehicle in the Lane Change Collision Warning area, the system illuminates the warning indicator to alert the driver. If the left-side electric column shift switch is pushed fully up or down to activate the corresponding turn signal, the warning indicator will flash, and an audible warning will be emitted from the instrument panel.

At low speeds (vehicle speed less than 15 km/h (9 mph)), when the steering wheel is turned sharply in the same direction, or when the left-side electric column shift switch is pushed fully up or down to activate the corresponding turn signal, the Blind Spot Monitoring function on the target side will issue a normal warning.

When Driving Advanced Driver-Assistance Systems (ADAS)



Do not completely rely on LCA.

The LCA function has limitations. Do not completely rely on this system, as excessive dependence on it may lead to accidents.

NOTE

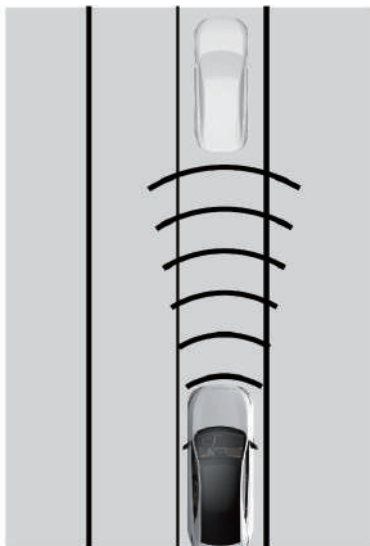
- LCA may not function normally if any of the following conditions are met.
 - The rear side radar sensor cannot detect objects.
 - The road has a steep slope.
 - The road is extremely wide.
 - Changing 2 or more lanes at once.
 - LCA may activate when turning at intersections in urban areas, or when there are stationary objects on or beside the road (such as guardrails, side walls, and parked vehicles).
 - If a Mazda original trailer hitch is used, LCA automatically turns off.
- When using a non-Mazda original trailer hitch to tow a trailer, or when installing accessories such as a bicycle rack to the rear of the vehicle, turn off LCA. Otherwise, it will interfere with the radar's radio waves, causing LCA to malfunction.

When Driving Advanced Driver-Assistance Systems (ADAS)

Distance & Speed Alert (DSA)

▼ Distance & Speed Alert (DSA)

When driving at high speeds, if the distance to the vehicle ahead is too close, actions such as sudden braking by the vehicle in front could lead to a collision due to the driver's delayed reaction. The Distance & Speed Alert function assesses when the current speed and distance to the vehicle ahead are too close and informs the driver in advance, fostering awareness to maintain a safe driving distance.



▼ Warnings and Cautions for Distance & Speed Alert (DSA)

⚠ WARNING

Do not rely solely on the Distance & Speed Alert.

- The Distance & Speed Alert may not detect the vehicle in front depending on the type and condition of the vehicle ahead, weather conditions, and road conditions. Moreover, this system is not designed to maintain the distance from the vehicle ahead.
- Accidents may occur due to negligence in properly operating the accelerator and brake pedals.
- Always check the surroundings and apply the brake or accelerator pedal, while maintaining a safe distance from the vehicles ahead or behind.

When Driving Advanced Driver-Assistance Systems (ADAS)

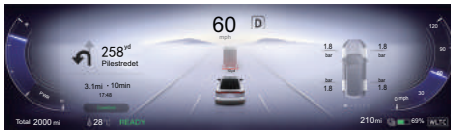
▼ How to Use Distance & Speed Alert (DSA)

Operating the Distance & Speed Alert

The Distance & Speed Alert operates when all the following conditions are met:

1. The gear is in D (Drive);
2. Vehicle speed is between 0 and 150 km/h (90 mph);
3. The feature is in the ON position.

Instrument Cluster



NOTE

- The Distance & Speed Alert is designed to target four-wheeled vehicles. However, it may also activate in the presence of motorcycles and bicycles.
- The Distance & Speed Alert does not operate for stationary vehicles.
- If the vehicle ahead is moving extremely slowly, the Distance & Speed Alert may not function properly.

Driver Monitoring System (DMS)

▼ Driver Monitoring System (DMS)

The Driver Monitoring System (DMS) uses a camera on the steering wheel to monitor the driver's state, such as fatigue and distraction, in real-time and issues corresponding alerts.

(Left-Hand Drive Model)



(Right-Hand Drive Model)



1. Driver monitoring camera

Driver Fatigue Monitoring

While the vehicle is in motion, the system continuously monitors the

When Driving Advanced Driver-Assistance Systems (ADAS)

driver's head position, whether the eyes are closed, and signs of yawning for analysis. If the system detects driver fatigue, it will display an icon and emit an alarm to remind the driver to stay alert and avoid drowsy driving.

Driver Distraction Monitoring

While the vehicle is in motion, the system continuously monitors the driver's line of sight for analysis. When the system determines that the driver is distracted, the vehicle will issue a text and alarm tone stating, "Your line of sight is wandering. Please drive carefully." to remind the driver to pay attention to the road conditions.

NOTE

- The DMS system may also be affected by other factors. To ensure your safety, you should always remain focused while driving, pay attention to traffic, road conditions, and the vehicle to drive safely.

⚠ CAUTION

- The system may not issue correct warnings for fatigue or distraction under the following circumstances, including but not limited to:
 - In dim light conditions, such as in dimly lit underground garages;
 - In strong light conditions, such as direct sunlight or surrounding vehicle lights shining on the driver;
 - The DMS camera is obstructed by items like hangings, decorations, or other objects inside the car;
 - The driver is wearing sunglasses, tinted glasses, polarized glasses, or other types of eyewear that significantly reduce light transmission or frames that obstruct the eye area;
 - The driver is wearing hats, scarves, headscarves, masks, or other items that cover the facial area;
 - The driver has adjusted the seat to an excessive extent.

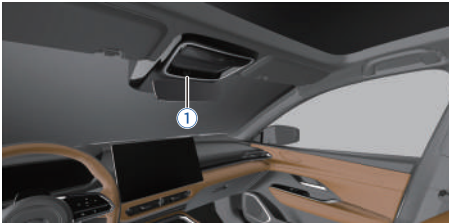
When Driving Advanced Driver-Assistance Systems (ADAS)

Child Presence Detection (CPD)

▼ Child Presence Detection (CPD)

The Child Presence Detection (CPD) uses a camera located behind the interior rear-view mirror to monitor the behaviour and status of passengers, such as the "Gesture Recognition" feature, and provides corresponding prompts/feedback.

(Left-Hand Drive Model)



(Right-Hand Drive Model)



1. Camera

Gesture Recognition

Access the control interface via:
Vehicle Centre → Cab Monitor →
Gesture Recognition. After enabling
gesture recognition, touch an
unlearned gesture and the

corresponding prompt screen
will appear. Follow the prompts
to complete gesture learning.

When Driving Advanced Driver-Assistance Systems (ADAS)

Mazda Radar Cruise Control (MRCC) featuring Stop & Go

▼ Mazda Radar Cruise Control (MRCC) featuring Stop & Go

⚠ CAUTION

Driving assistance systems mainly rely on radar and cameras for real-time perception of the vehicle's surroundings. In order to protect radio astronomy services operating in the same frequency band, radar-mounted vehicles are not allowed to enter the interference protection distance of the relevant local radio observatories.

The Mazda Radar Cruise Control (MRCC) featuring Stop & Go system detects the vehicle in front through the millimetre wave radars installed behind the front bumper, so that the vehicle travels at the set speed. When the moving vehicle below the set speed appears in the front, it automatically maintains the distance with the front car and stops/starts with the front car.

Before using Mazda Radar Cruise Control (MRCC) featuring Stop & Go, please read and familiarize yourself with the entire content of this chapter.

▼ Warnings and Precautions for Using the System

⚠ WARNING

- Due to the complexity of real-time traffic, road, and weather conditions, the radar cannot guarantee accurate detection under all conditions. Please disable the Mazda Radar Cruise Control (MRCC) featuring Stop & Go function and drive cautiously in adverse conditions.
- Mazda Radar Cruise Control (MRCC) featuring Stop & Go is not a substitute for the driver. You must maintain control of the vehicle, drive cautiously, obey speed limits, and follow all traffic regulations while being fully responsible for vehicle operation.
- Mazda Radar Cruise Control (MRCC) featuring Stop & Go only affects vehicles traveling in the same direction in the same lane. It does not work on vehicles approaching from the opposite direction, crossing from the side, stationary or slow-moving vehicles, pedestrians, animals, or other objects on the road (such as cones, barriers, guardrails, rocks, etc.).
- Mazda Radar Cruise Control (MRCC) featuring Stop & Go is suitable for use on highways or roads with good conditions. Do not use Mazda Radar Cruise Control

When Driving Advanced Driver-Assistance Systems (ADAS)

(MRCC) featuring Stop & Go in (but not limited to) the following road and environmental conditions:

- Environments with strong radar signal reflections (such as multi-story parking garages, tunnels, substations, steel bridges, etc.);
- City streets, mountain roads, or on/off-ramps;
- Extreme weather conditions (such as heavy fog, rain, snow, hail, etc.), slippery roads, steep slopes, or sharp curves.

CAUTION

- It is normal for Mazda Radar Cruise Control (MRCC) featuring Stop & Go to make braking noises or for the brake pedal to become firm when Mazda Radar Cruise Control (MRCC) featuring Stop & Go controls the vehicle's deceleration (but you can still control deceleration by pressing the brake pedal).
- Towing other vehicles may reduce Mazda Radar Cruise Control (MRCC) featuring Stop & Go performance.
- Structural modifications to the vehicle (such as lowering the chassis or altering the front license plate mounting) may reduce Mazda Radar Cruise Control (MRCC)

featuring Stop & Go performance or even render Mazda Radar Cruise Control (MRCC) featuring Stop & Go unusable.

- Non-structural modification of vehicles (such as vehicle laminating, etc.) may reduce Mazda Radar Cruise Control (MRCC) featuring Stop & Go performance and even cause Mazda Radar Cruise Control (MRCC) featuring Stop & Go cannot be used.

In certain situations (including but not limited to those listed below), the radar used by the Mazda Radar Cruise Control (MRCC) featuring Stop & Go system may not accurately detect target vehicles or may detect them too late, preventing the system from assisting you in adjusting speed and distance. Please take control of the vehicle and, if necessary, deactivate Mazda Radar Cruise Control (MRCC) featuring Stop & Go:

Driving Through Curves

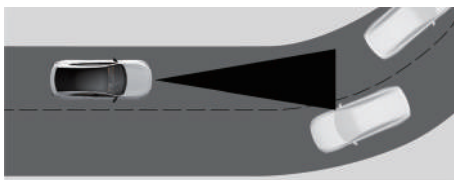
When the vehicle enters or exits a curve, or when driving through a curve, the radar may fail to detect vehicles ahead in your lane or may detect vehicles in adjacent lanes.

(Left-Hand Drive Model)



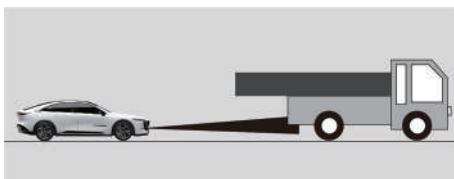
When Driving Advanced Driver-Assistance Systems (ADAS)

(Right-Hand Drive Model)



Vehicles with Special Loads/Equipment

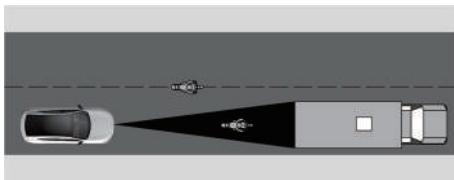
The radar may not detect objects or attachments on vehicles that extend beyond their sides, rear, or roof.



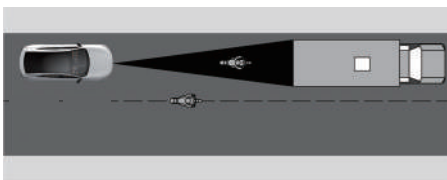
Narrow Vehicles Ahead

The radar may not detect narrow vehicles, such as motorcycles or bicycles, or vehicles with indistinct features.

(Left-Hand Drive Model)



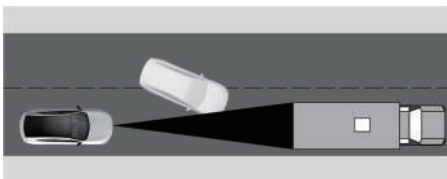
(Right-Hand Drive Model)



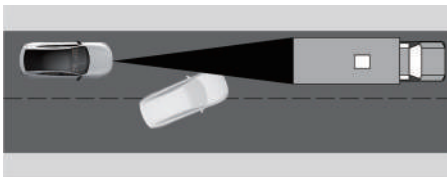
Other Vehicles Changing Lanes

When a vehicle in an adjacent lane cuts into your lane, the radar may not detect it unless it is fully within the detection range.

(Left-Hand Drive Model)

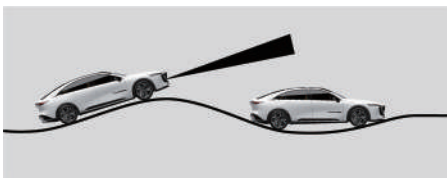


(Right-Hand Drive Model)



Slopes

When the vehicle enters or exits a slope, the radar may fail to detect vehicles ahead.

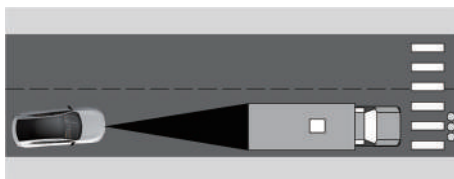


When Driving Advanced Driver-Assistance Systems (ADAS)

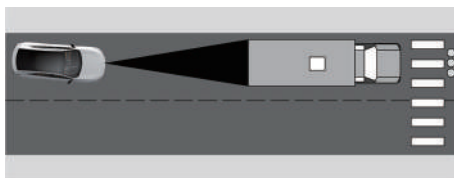
Stationary Objects

The radar cannot recognize stationary or slow-moving vehicles ahead.

(Left-Hand Drive Model)

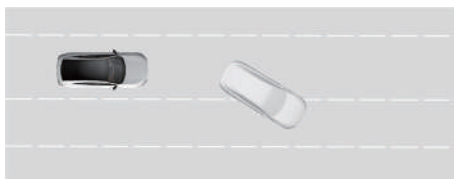


(Right-Hand Drive Model)



Large Heading Deviations

The radar cannot detect vehicles that are angled relative to your vehicle.



Other devices equipped with millimetre wave radars

There is the possibility of interference between millimetre wave radars in the same frequency band, and mutual interference may affect target detection.

Overturned or Accident Vehicles

If a vehicle ahead has been in an accident, overturned, or deformed, the system may not detect it.



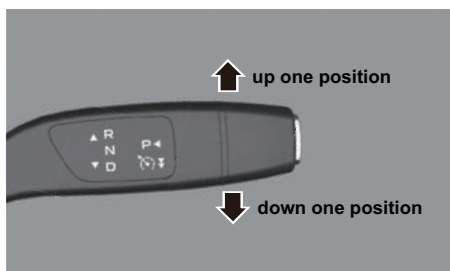
▼ Introduction to Mazda Radar Cruise Control (MRCC) featuring Stop & Go

First, select "Adaptive Cruise Control" in [Smart Drive] → [Driving Assistance] → [Intelligent Driving Preference] on the centre display. The Mazda Radar Cruise Control (MRCC) featuring Stop & Go can only be used after selecting "Adaptive Cruise Control".

Activation: Push the column shift down once.

Deactivation: Push the column shift up to cancel.

When Driving Advanced Driver-Assistance Systems (ADAS)



 : Adjust following distance.

 : Resume Mazda Radar Cruise Control (MRCC) featuring Stop & Go or increase cruising speed.

 : Set Mazda Radar Cruise Control (MRCC) featuring Stop & Go or decrease cruising speed.

CAUTION

The switch layout varies according to the vehicle you have purchased.

Instrument Cluster Interface



1. Mazda Radar Cruise Control (MRCC) featuring Stop & Go Status Indicator:

- White: System on standby.
- Green: System activated.
- Orange: System fault.
- Grey: System overridden.

2. Set cruising speed.

3. Your vehicle.

4. Set following distance.

5. Distance to the vehicle ahead.

6. Vehicle ahead.

WARNING

- The distance to the vehicle ahead and adjacent lane vehicle information displayed on the instrument panel may differ from actual conditions. You must maintain constant awareness of the vehicle and real-time road conditions, adjusting the cruise speed and following distance as necessary. Take control of the vehicle when required to ensure it can stop safely at any time. You are fully responsible for maintaining safe driving.
- Due to light interference (such as instrument panel reflections or the driver wearing sunglasses) or environmental noise (such as loud in-car entertainment), the warning information displayed on the instrument panel may not be

When Driving Advanced Driver-Assistance Systems (ADAS)

easily noticeable. The driver must remain attentive to the vehicle's driving status and road conditions, taking control of the vehicle in a timely manner without waiting for a warning message to appear before taking action.

▼ How to Use Mazda Radar Cruise Control (MRCC) featuring Stop & Go

When the cruise status indicator light is white, it means the system has entered standby mode. You can use the cruise function as follows:

Activation

Every time the vehicle is powered on, the first time Mazda Radar Cruise Control (MRCC) featuring Stop & Go is used, it must be activated by pulling down the column shift. After that, within the same power cycle, it can be activated using the  or  switches.

After Mazda Radar Cruise Control (MRCC) featuring Stop & Go is activated, the cruise status indicator light turns green.

In some situations, Mazda Radar Cruise Control (MRCC) featuring Stop & Go cannot be activated, such as when the seat belt is not fastened or the vehicle is not in drive gear. Please follow the instrument panel prompts.

Adjusting Cruise Speed

After activating Mazda Radar Cruise

Control (MRCC) featuring Stop & Go, you can actively adjust the cruise speed using the  or  switches. The cruise speed adjustment range is 20 km/h (12 mph) ~160 km/h (100 mph).

Pressing the switch briefly will increase or decrease the cruising speed by 1 km/h (1 mph). Holding the switch down will adjust the cruising speed by 10 km/h (5 mph). The longer the switch is held, the larger the incremental/decremental change in speed becomes.

CAUTION

- ▶ When Mazda Radar Cruise Control (MRCC) featuring Stop & Go is in driver active acceleration mode, pressing the  switch will set the current speed as the cruise speed.

WARNING

- Due to complex road conditions (such as continuous curves, sharp turns) and system detection limitations, Mazda Radar Cruise Control (MRCC) featuring Stop & Go cannot fully guarantee safe passage through curves when slowing down. Please set an appropriate cruise speed according to road conditions and avoid speeding.

When Driving Advanced Driver-Assistance Systems (ADAS)

Speed Limit Assistant

The system will intelligently control the speed within a certain range in situations such as speed limit signs, curves, tunnels, and speed camera sections to improve driving safety.

Speed Limit Assistant can be turned on or off in the centre display's home screen "Vehicle Centre → Smart Drive → Speed Limit Assistant".

When the function is enabled, the system will set the recognized speed limit as the cruising speed based on the road speed limit conditions.

CAUTION

- ▶ The Speed Limit Assistant cannot fully guarantee that the vehicle will not exceed the speed limit (for example, if the speed limit sign is too close to the speed camera, there is not enough distance to slow down) or ensure driving safety. You still need to pay attention to road conditions and reasonably adjust the cruise speed.

Adjusting Following Distance

After activating Mazda Radar Cruise Control (MRCC) featuring Stop & Go, press the  switch to adjust the following distance;

There are 4 levels of following distance, with the distance increasing from level one to level four. Each time the vehicle is restarted, the following distance defaults to the last set value. The shorter the set following distance, the less reaction time the driver has.

During the following control process, the time gap between your vehicle and the vehicle ahead is displayed in three colors: green (basically consistent with the set value), yellow (following closely compared to the set value), and red (following too closely compared to the set value). When it displays red, please adjust the cruise speed or following distance promptly, and take control of the vehicle if necessary.



Exiting

After Mazda Radar Cruise Control (MRCC) featuring Stop & Go is activated, performing the following operations or meeting (but not limited to) the following conditions will cause the cruise system to exit to standby mode:

When Driving Advanced Driver-Assistance Systems (ADAS)

- Pressing the brake pedal while the vehicle is in motion;
- Applying the parking brake;
- Vehicle rolling after stopping while following another vehicle;
- Pushing up the column shift;
- Opening the driver's door;
- Turning off the ESC function;
- Exiting D (Drive) gear;
- Unfastening the driver's seat belt;
- ABS/Automatic Emergency Braking function is activated;
- Being in driver active acceleration mode for more than 15 minutes or speed exceeding 160 km/h (100 mph).
- Mazda Radar Cruise Control (MRCC) featuring Stop & Go will not exit if the brake pedal is pressed after Mazda Radar Cruise Control (MRCC) featuring Stop & Go controls the vehicle to stop due to a related system fault.

CAUTION

- In any situation, if you determine that there is a safety risk to the vehicle, please decisively cancel or turn off Mazda Radar Cruise Control (MRCC) featuring Stop & Go, immediately take over and control the vehicle.

Resuming Mazda Radar Cruise Control (MRCC) featuring Stop & Go

When Mazda Radar Cruise Control (MRCC) featuring Stop & Go exits from activation to standby:

Press the  switch, Mazda Radar Cruise Control (MRCC) featuring Stop & Go will reactivate and resume to the previously set speed.

Press the  switch, Mazda Radar Cruise Control (MRCC) featuring Stop & Go will reactivate and automatically set the current speed as the cruise speed.

CAUTION

- When resuming Mazda Radar Cruise Control (MRCC) featuring Stop & Go by tapping the  switch, the resumed set cruise speed may differ significantly from the current driving speed. The driver must ensure that the set cruise speed complies with the speed limit rules of the current road section, and pay attention to the vehicle's acceleration and deceleration changes, adjusting the cruise speed in a timely manner.

Driver Active Acceleration Mode

After Mazda Radar Cruise Control (MRCC) featuring Stop & Go is activated, when actively pressing the accelerator pedal to accelerate, the system enters driver active acceleration mode (override mode). After releasing

When Driving Advanced Driver-Assistance Systems (ADAS)

the accelerator pedal, Mazda Radar Cruise Control (MRCC) featuring Stop & Go regains control of the vehicle.

CAUTION

- ▶ When Mazda Radar Cruise Control (MRCC) featuring Stop & Go is in driver active acceleration mode, the vehicle will be taken over by the driver, and Mazda Radar Cruise Control (MRCC) featuring Stop & Go will not perform acceleration or deceleration control.

Mazda Radar Cruise Control (MRCC) featuring Stop & Go

If the vehicle in front slowly comes to a stop, Mazda Radar Cruise Control (MRCC) featuring Stop & Go will control your vehicle to stop behind it. Afterwards, if the instrument panel does not prompt "Cruise parked, press  switch to resume, pay attention to safety ahead", the system will control the vehicle to automatically follow the vehicle in front when it starts moving.

If the instrument panel displays "Cruise parked, press  switch to resume, pay attention to safety ahead", you need to press the  switch or lightly press the accelerator pedal to control the vehicle to start moving.

After Mazda Radar Cruise Control (MRCC) featuring Stop & Go controls the vehicle to stop, if the following situations (not limited to) occur,

the electronic parking brake will automatically activate and Mazda Radar Cruise Control (MRCC) featuring Stop & Go will exit:

- Stopped for more than 3 minutes;
- Driver's door is opened;
- Driver's seat belt is unfastened;
- ESC function is turned off;
- Exiting D (Drive) gear.

Takeover Reminder

Mazda Radar Cruise Control (MRCC) featuring Stop & Go can apply a maximum of about 40% of the vehicle's braking capacity.

If braking is insufficient to maintain an appropriate distance from the vehicle in front, the instrument panel will continuously issue a "Please take over immediately" warning. At this time, please immediately take over vehicle control and take collision avoidance measures to prevent danger.

Fault Handling

When the Mazda Radar Cruise Control (MRCC) featuring Stop & Go system detects a fault or blockage of the front radar or front camera, or a related system fault occurs, the cruise status indicator light on the instrument panel turns orange, and there will be corresponding prompts:

1. Front camera/radar blocked
If the instrument panel prompts "Front millimetre wave radars/ front camera blocked", please

When Driving Advanced Driver-Assistance Systems (ADAS)

clean the surface of the bumper where the radar is installed or the windscreen area where the front camera is installed.

If the fault still cannot be automatically eliminated for a long time after cleaning, please consult an expert repairer (we recommend an Authorised Mazda Repairer) for processing as soon as possible.

2. Function limited

If the following faults occur and the fault reminder cannot be automatically eliminated for a long time, and the fault still exists after restarting the vehicle, please consult an expert repairer (we recommend an Authorised Mazda Repairer) for inspection and repair as soon as possible:

- Function temporarily unavailable;
- Mazda Radar Cruise Control (MRCC) featuring Stop & Go system fault;
- Mazda Radar Cruise Control (MRCC) featuring Stop & Go system communication abnormality.

In the following situations, please consult an expert repairer (we recommend an Authorised Mazda Repairer) for professional calibration of the radar:

- Removing or reinstalling the radar or front bumper;

- External forces causing the radar or camera to be unstable or positioned abnormally;
- The vehicle has been in a collision;
- Mazda Radar Cruise Control (MRCC) featuring Stop & Go performance has decreased (such as abnormally shortened distance to detected targets or frequent incorrect identification of vehicles in adjacent lanes, etc.);
- Automatic emergency braking system malfunctions (such as frequent false alarms or braking, etc.).

CAUTION

Improper maintenance of the front end of the vehicle can result in changes in the radar position, which can affect the functionality of the Mazda Radar Cruise Control (MRCC) featuring Stop & Go, therefore, repair operations must be carried out by an expert repairer (we recommend an Authorised Mazda Repairer).

When Driving Advanced Driver-Assistance Systems (ADAS)

Cruising & Traffic Support (CTS)

▼ Introduction to Cruising & Traffic Support (CTS)

Cruising & Traffic Support (CTS) integrates the radar used by the Mazda Radar Cruise Control (MRCC) system and the camera used by the Lane Departure Warning System to detect the vehicle ahead and lane markings. By controlling the speed, the system keeps the vehicle moving at the set cruise speed or maintains a preset following distance from the vehicle ahead, while also controlling steering to keep the vehicle within the lane.

Before using Cruising & Traffic Support (CTS), please carefully read the entire chapter to understand the correct usage, limitations, and requirements of this function. At all times, the driver has priority control over the vehicle.

In the following situations, the driver must quickly identify any hazards and cancel Cruising & Traffic Support (CTS) by pressing the brake pedal, pushing up the column shift, or taking control of the steering wheel to ensure driving safety:

1. The vehicle does not maintain a safe distance from the vehicle ahead or vehicles in adjacent lanes;
2. The steering assist is insufficient to safely navigate a curve;
3. The vehicle is in operating

conditions where Cruising & Traffic Support (CTS)'s functionality is limited.

WARNING

- When using Cruising & Traffic Support (CTS), the driver must keep both hands on the steering wheel and continuously observe the road conditions ahead, behind, and around the vehicle.
- Even when using Cruising & Traffic Support (CTS), the driver remains ultimately responsible for safely and legally controlling the vehicle, maintaining the correct distance and speed.
- Improper use of Cruising & Traffic Support (CTS) could lead to collisions with surrounding objects, vehicles, and other traffic accidents.
- Cruising & Traffic Support (CTS) is a driver assistance system, and it provides relatively gentle braking and steering control. The system cannot fully prevent collisions and may not provide the steering assistance you expect in all weather, road conditions, or road types. The driver must remain aware and take control of the vehicle promptly, rather than waiting for the system to issue a warning before taking emergency measures.
- Cruising & Traffic Support (CTS) is suitable for use on highways or roads in good condition. Do

When Driving Advanced Driver-Assistance Systems (ADAS)

not use Cruising & Traffic Support (CTS) under the following road or environmental conditions, as the system may not assist in driving the vehicle as expected, may exit abruptly, or could result in a collision with undetected obstacles:

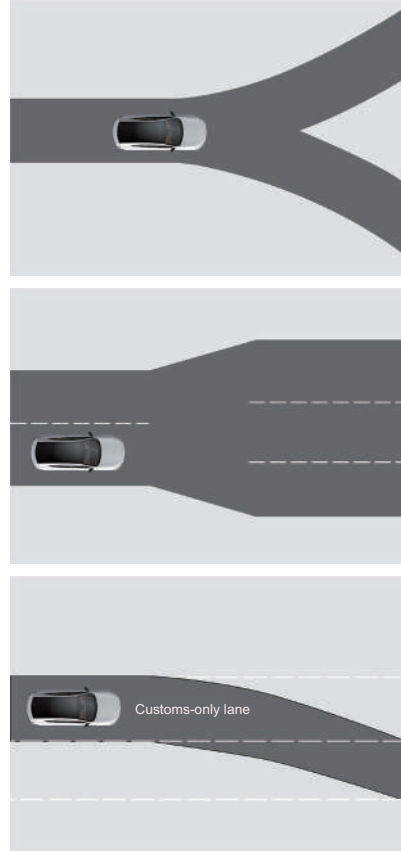
1. Adverse weather/poor visibility (e.g. rain, snow, fog, dust, low light, glare backlighting, bright sunlight, entering/exiting tunnels, tree-shaded roads, etc.).
2. Rough or slippery roads (e.g. mountain roads, roads with sharp curves, bumpy roads, or roads with standing water, snow, ice, oil, or dust).
3. Complex road conditions (e.g. traffic congestion, intersections, crosswinds, construction zones, ramps, toll plazas, etc.).

The radar and camera used by the Cruising & Traffic Support (CTS) system may not accurately detect lane markings, the vehicle ahead, or other targets under (but not limited to) the following conditions, potentially preventing the system from assisting you in maintaining the desired trajectory or adjusting speed and distance. Please take control of the vehicle and, if necessary, disable Cruising & Traffic Support (CTS).

1. When the driving path is not clear, such as at an intersection or when the number of lanes changes, the system may not be

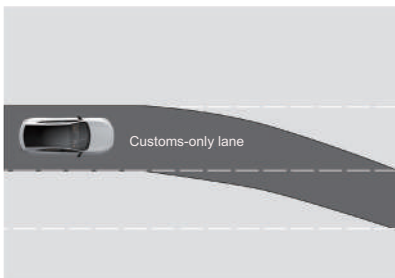
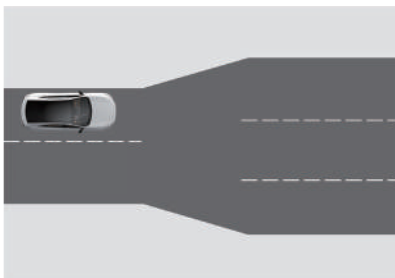
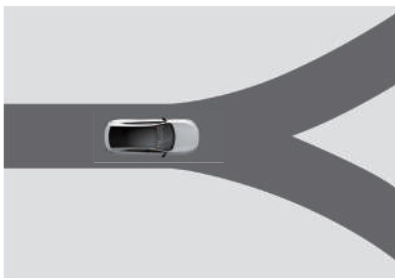
able to determine the correct lane (left-hand or right-hand traffic) and could choose the wrong lane or exit abruptly.

(Left-Hand Drive Model)



When Driving Advanced Driver-Assistance Systems (ADAS)

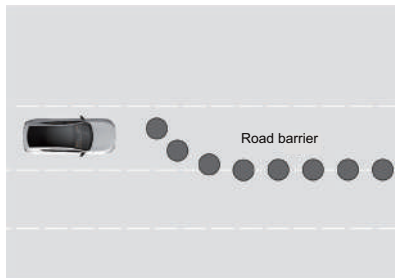
(Right-Hand Drive Model)



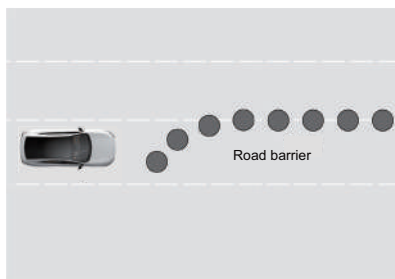
2. Road "closure"

In situations where the road ahead is blocked by construction or a disabled vehicle and the path forward is not marked by lane lines or the road is impassable, the system cannot intelligently recognize and change lanes.

(Left-Hand Drive Model)



(Right-Hand Drive Model)

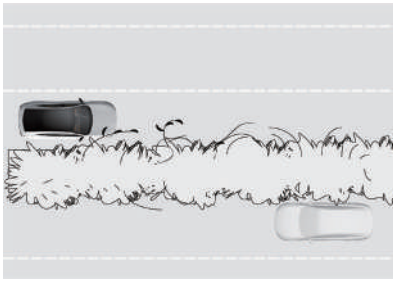


When Driving Advanced Driver-Assistance Systems (ADAS)

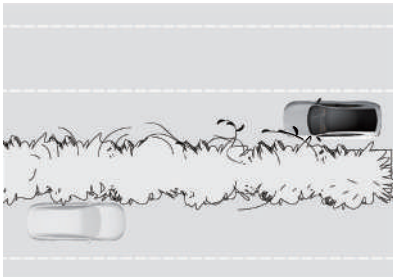
3. Lane driving space is occupied

The system may not recognize objects that encroach into the lane and are elevated off the ground, posing a collision risk (e.g. plants from the median encroaching into the lane).

(Left-Hand Drive Model)

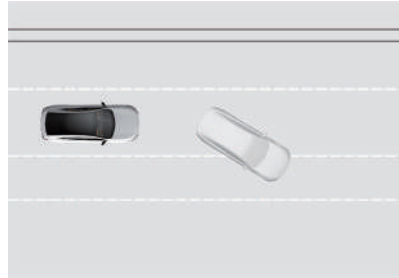


(Right-Hand Drive Model)

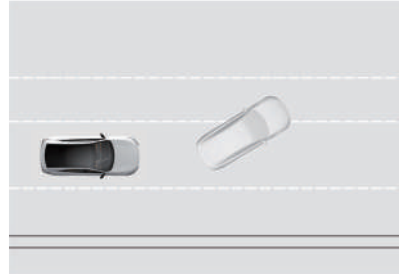


The system may also fail to recognize stationary or slow-moving vehicles ahead or vehicles with indistinct features, especially if your vehicle is traveling at high speed or at an angle to the vehicle ahead, posing a collision risk.

(Left-Hand Drive Model)



(Right-Hand Drive Model)



4. Non-standard lane markings

When lane markings are unclear (e.g. worn, missing, reflective, with continuous changes in brightness, or under tree or median shadows), or when lane markings are confusing (e.g. at intersections, diverging or merging lanes, ramps with multiple markings), the system may not predict the correct trajectory, potentially causing unintended steering errors or abrupt system exit.

5. Uneven road surface

When the wheels pass over potholes, rocks, or other road surface irregularities, the vehicle's

When Driving Advanced Driver-Assistance Systems (ADAS)

heading may change suddenly due to road surface interference, potentially causing the vehicle to drift out of the lane. The system may temporarily exit if it cannot detect the lane markings due to vehicle jostling.

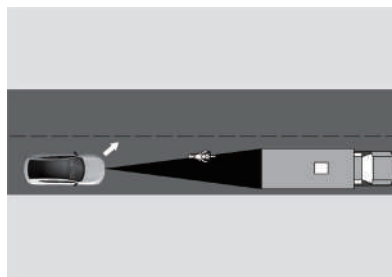
6. The system may mistakenly recognize road edges (especially in tunnels), tyre tracks, road surface cracks, snow, and other line-like features as lane markings, causing the vehicle to drift away from the centre of the lane or experience a temporary change in heading.

7. When entering a curve, passing through consecutive curves, or navigating sharp turns, slippery roads, or at excessive speeds, the system may not assist the driver in keeping the vehicle within the lane and may even exit abruptly.

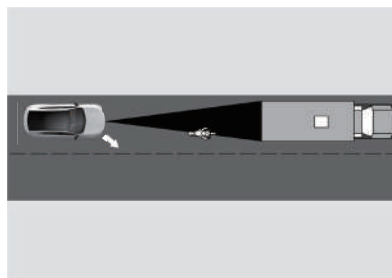
8. Congested or merging roads
The system may fail to respond to vehicles cutting in at close range, particularly when in following mode during traffic congestion, posing a collision risk.
In following mode, if the target vehicle changes lanes, your vehicle will follow, potentially causing a collision with vehicles in adjacent lanes.
In following mode, the system may control the vehicle based on a target vehicle close to the lane edge, causing the vehicle to steer

towards one side of the lane and increasing the risk of collision with adjacent vehicles.

(Left-Hand Drive Model)



(Right-Hand Drive Model)



9. A strong magnetic environment will interfere with the response of the Electric Power Steering (EPS) system. Do not bring objects with strong magnetic properties near the EPS. If the vehicle is exposed to a strong magnetic environment for an extended period (such as at power plants or other areas with high-voltage electromagnetic radiation), monitor the vehicle's EPS steering assist performance. If any abnormalities are detected, do not use Cruising & Traffic Support (CTS) and consult an

When Driving Advanced Driver-Assistance Systems (ADAS)

expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible for inspection.

10. Do not use Cruising & Traffic Support (CTS) when towing another vehicle. Avoid using Cruising & Traffic Support (CTS) in any scenario that may impair the functionality or performance of the adaptive cruise control system radar or lane departure warning system camera.

WARNING

- It is strictly forbidden to perform windscreen repairs near the sensors (inside rear-view mirror location), as any cracks or damage will affect camera detection accuracy, requiring the entire windscreen to be replaced.
- Do not place reflective objects on the central control panel when using the Cruising & Traffic Support (CTS) function, as reflections may interfere with the front-facing camera's detection capabilities, affecting Cruising & Traffic Support (CTS) performance.

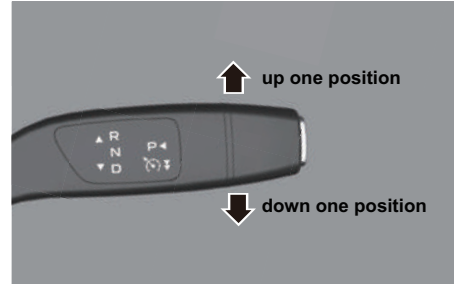
▼ Cruising & Traffic Support (CTS)

The Cruising & Traffic Support (CTS) function can only be used after selecting "Smart Cruise Asst" in [Smart Drive] → [Driving Assistance] → [Intelligent Driving Preference].

Activate Cruising & Traffic Support (CTS): Pull down the column shift

once.

Cancel Cruising & Traffic Support (CTS): Push the column shift upward to cancel.



: Adjust following distance;



: Increase cruise speed;



: Decrease cruise speed.

Instrument Cluster Interface



1. Cruising & Traffic Support (CTS) status indicator;

- White: System standby;
- Grey: System temporarily disengaged;

When Driving Advanced Driver-Assistance Systems (ADAS)

- Green: System activated;
 - Orange: System malfunction.
2. Vehicle ahead;
 3. Vehicles in adjacent lanes;
 4. Lane line status;
 - Grey: Not recognized;
 - White: Recognized;
 - Orange: Lane departure warning/correction;
 - Green: Cruising & Traffic Support (CTS) in operation.
 5. Set following distance;
 6. MRCC cruise status indicator;
 - White: System standby;
 - Green: System activated;
 - Orange: System malfunction;
 - Grey: System override.
 7. Road speed limit sign;
 8. Set cruise speed;
 9. Distance to the vehicle ahead;
 10. Your vehicle.

CAUTION

- When Cruising & Traffic Support (CTS) is operating and in vehicle-following control mode, the vehicle ahead is displayed in white

WARNING

- The distance to the vehicle ahead, adjacent lane vehicle conditions, and lane line conditions displayed

on the instrument panel may differ from actual conditions. You must maintain real-time observation of the vehicle and actual road conditions, reasonably adjust cruise speed and following distance, take control of the vehicle when necessary, ensure the vehicle can stop safely at any time, and take full responsibility for maintaining safe driving.

- Due to interference from light (such as instrument panel glare, driver wearing sunglasses) and environmental sounds (such as excessively loud in-vehicle entertainment system), warning information from the instrument panel may not be easily noticed. Drivers need to constantly pay attention to the vehicle's driving status and road conditions, promptly take control of the vehicle, and not wait until warning information is issued before taking responsive measures.

▼ How to Use Cruising & Traffic Support (CTS)

Cruising & Traffic Support (CTS)
Operating Speed Range: 0 km/h to 160 km/h (100 mph).

1. Single lane advanced driver-

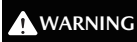
When Driving Advanced Driver-Assistance Systems (ADAS)

assistance

Cruising & Traffic Support (CTS) prioritizes steering assistance control based on clear lane markings detected on both sides of the lane. During this time, Cruising & Traffic Support (CTS) is in lane marking control mode, with the Cruising & Traffic Support (CTS) icon on the centre display showing green, lane markings showing blue, and the vehicle ahead (if detected) showing white.

2. Traffic Jam Assist

When the vehicle speed is below 60 km/h (40 mph), if lane markings are not detected, the system can follow a detected target vehicle ahead. At this time, Cruising & Traffic Support (CTS) is in vehicle following control mode, with the Cruising & Traffic Support (CTS) icon on the instrument cluster showing green.



WARNING

- Traffic Jam Assist is only suitable for situations where vehicles are moving in an orderly queue. Do not use Cruising & Traffic Support (CTS) on roads with toll stations, chaotic traffic flow, random lane changes, or small turning radius.
- When the vehicle ahead turns too quickly, Cruising & Traffic Support (CTS) cannot assist the vehicle in following the turn. The system may

lock onto a new target vehicle or exit to Mazda Radar Cruise Control (MRCC) featuring Stop & Go active state and accelerate according to the set cruise speed. The driver needs to constantly monitor the system status and, if necessary, turn off Cruising & Traffic Support (CTS) and take control of the vehicle.

Enabling Cruising & Traffic Support (CTS)

Conditions for enabling Cruising & Traffic Support (CTS):

- Vehicle is powered on

After the vehicle meets the conditions for enabling Cruising & Traffic Support (CTS), you can enable [Smart Cruise Asst] in the centre display's main screen under "Vehicle Centre → Smart Drive → Driving Assistance → Intelligent Driving Preference".

Activating Cruising & Traffic Support (CTS)

After enabling Cruising & Traffic Support (CTS), when activation conditions are met, the Cruising & Traffic Support (CTS) status indicator

When Driving

Advanced Driver-Assistance Systems (ADAS)

on the instrument panel will display white. At this time, pull down the column shift once to activate Cruising & Traffic Support (CTS). The system will assist the driver with acceleration, deceleration, and steering control.

After activating Cruising & Traffic Support (CTS), the Cruising & Traffic Support (CTS) status indicator on the instrument panel will display green. The driver can refer to the Mazda Radar Cruise Control (MRCC) featuring Stop & Go usage method to set cruise speed, following distance, etc.

In some situations, Cruising & Traffic Support (CTS) cannot be activated, such as when the windscreen wipers are on high speed or when lane lines are unclear. Please follow the instructions on the instrument panel.

CAUTION

- ▶ Each time Cruising & Traffic Support (CTS) is activated, the cruise speed will be reset to the current speed, with a minimum of 20 km/h (12 mph) and a maximum of 160 km/h (100 mph).
- ▶ After activating Cruising & Traffic Support (CTS), Mazda Radar Cruise Control (MRCC) featuring Stop & Go is also activated simultaneously. The vehicle's acceleration and deceleration control logic is consistent with when Mazda Radar Cruise Control (MRCC) featuring Stop & Go is activated. When Mazda Radar Cruise Control (MRCC) featuring Stop & Go enters driver active acceleration mode, the vehicle's acceleration and braking will be controlled by the driver, but Cruising & Traffic Support (CTS) will still provide steering assistance.
- ▶ When Cruising & Traffic Support (CTS) is working, if the driver quickly presses the accelerator pedal, the sudden increase in speed may affect the stability of Cruising & Traffic Support (CTS)'s steering assistance. The driver must constantly monitor the vehicle's driving status and be ready to take control of the vehicle when necessary.
- ▶ When the vehicle speed is less than 60 km/h (40 mph), if the lane line recognition results fail to meet the conditions required for the Integrated Cruising & Traffic Support (CTS) system to continue operating, the system will not trigger any driver takeover reminders (including visual or auditory alerts). The driver must pay close attention to the CTS function status indicator on the instrument cluster at all times,

When Driving Advanced Driver-Assistance Systems (ADAS)

promptly confirm whether the system is active, and be prepared to take over control of the vehicle at any time to avoid accidents caused by negligence.

Quick Switching Between CTS and MRCC Functions

You can switch between the MRCC and CTS functions via the main page of the central control display by selecting Vehicle Centre → Smart Drive → Driving Assistance → Intelligent Driving Preference. Once CTS is activated, you can quickly switch to MRCC by pushing the column shift down once. Pushing the column shift down once more switches back from MRCC to CTS. When CTS is selected in the Smart Drive Preferences and the function remains enabled, you can quickly toggle between CTS and MRCC by pushing the column shift down once.

Adjusting Cruise Speed

After activating Cruising & Traffic Support (CTS), you can set the cruise speed according to the Mazda Radar Cruise Control (MRCC) featuring Stop & Go usage method. Refer to "Adjusting Cruise Speed".

▼ Cruising & Support (CTS) Sound Tips

There are two ways to enable or disable the CTS Sound Tips:

1. Access the control centre on the centre display. Tap the Sound

Tips icon to toggle the CTS sound notification on or off.

2. On the centre display, go to Vehicle Centre → Smart Drive → Smart Cruise Asst, then tap the icon next to the "Sound Tips" icon to enable or disable the alert.

When Driving Advanced Driver-Assistance Systems (ADAS)

▼ Human-Machine Co-driving

When the Cruising & Traffic Support (CTS) is activated, if the driver actively turns the steering wheel, the system will automatically switch to the human-machine co-driving mode.

After entering the human-machine co-driving mode:

1. The system will no longer actively adjust the steering, and the steering will be controlled solely by the driver. The system will still maintain active adjustment of the vehicle's longitudinal movement (acceleration and deceleration) to ensure smooth driving.
2. When the driver stops actively turning the steering wheel, the system will automatically exit the human-machine co-driving mode and resume active steering adjustment.

When Driving Tyre Pressure Monitoring System (TPMS)

Tyre Pressure Monitoring System (TPMS)

▼ Tyre Pressure Monitoring System (TPMS)

While the vehicle is in motion, the Tyre Pressure Monitoring System (TPMS) continuously monitors the pressure of all four tyres. If the tyre pressure deviates from the recommended level, the TPMS will issue a warning. Tyre pressure information is shown on the multifunction display. While driving, you can also view tyre pressure data on the centre display, which indicates the current readings.

If a tyre's pressure becomes low or otherwise abnormal, the tyre pressure warning lamp will illuminate. If the warning is solely due to low pressure, the warning lamp will automatically turn off once the tyres have been inflated to the recommended cold pressure (as specified on the vehicle's label) and the vehicle has been driven for a few minutes. The TPMS will only function when the corresponding sensors are installed on all wheels.

Set the tyres to the recommended cold pressures appropriate to your driving conditions. Check and calibrate the tyre pressure every month when the tyre is cold. Tyres are considered cold if the vehicle has been parked in the shade for at least three hours or has been driven for no more than 1.6 km (1 mph). When adjusting tyre

pressure in a cold state, there may be a difference between a manual gauge reading and the TPMS reading. Rely on the TPMS measurement for accurate inflation pressure. The TPMS cannot alert you to a complete pressure loss, such as when a tyre is punctured by a foreign object. In such cases, reduce speed gradually, steer carefully, and pull over to a safe location. The displayed pressure values will update after the vehicle has been driven for a short distance following inflation.

In the following situations, the TPMS may experience interference, causing the tyre pressure warning lamp to illuminate unexpectedly: operating the vehicle near high-voltage power lines or radio transmitters (such as airports, broadcast towers, etc.), or using radio-frequency devices (such as wireless headphones, dash cams, etc.) inside or near the vehicle. If the TPMS detects that one or more tyres have low pressure, the tyre pressure warning lamp will illuminate.

In this situation, reduce your speed, brake gently, and park safely. Avoid sudden steering inputs and adjust the tyre pressure when the tyres are cold. (Note: If tyres are adjusted in a warm environment, the tyre pressure warning lamp may illuminate when entering a cold environment due to pressure changes caused by temperature differences. This does not indicate a system failure. When driving in areas with significantly different

When Driving

Tyre Pressure Monitoring System (TPMS)

temperatures, check and calibrate the tyre pressure as needed.) If the TPMS malfunctions, the tyre pressure warning lamp will illuminate. In this event, visit an Authorised Mazda service centre as soon as possible for inspection and repair.

The TPMS assists the driver in monitoring tyre pressure and can provide very effective warnings, but it cannot completely prevent accidents. Only the tyre pressure displayed while the vehicle is in motion reflects the current actual tyre pressure; when the vehicle is stationary, tyre pressure may not be displayed, or the displayed tyre pressure may only be for reference. When fitting replacement tyres, visit an Authorised Mazda service centre to avoid incorrect operations that could damage the sensors. When rotating the tyres, the TPMS must relearn the tyre positions to prevent mismatched data between the display and the actual tyre positions.

CAUTION

Inspect each tyre (including the spare, if provided) monthly when the tyres are cold, and inflate them to the pressure recommended by the vehicle's manufacturer, as indicated on the vehicle placard or tyre inflation pressure label. (If your vehicle is equipped with tyres of a different size from that indicated on the vehicle placard or tyre inflation pressure label, determine the correct tyre inflation

pressure for those tyres.) For added safety, your vehicle is equipped with a Tyre Pressure Monitoring System (TPMS), which illuminates a low tyre pressure warning lamp when one or more of your tyres is significantly underinflated. When this warning lamp illuminates, stop and inspect your tyres as soon as practicable, inflating them to the correct pressure as needed. Operating a vehicle with a significantly underinflated tyre causes overheating and can lead to tyre failure. Underinflation also reduces tyre tread life, increases energy consumption, and may affect the vehicle's handling and braking performance.

Please note that the TPMS is not a substitute for proper tyre maintenance, and it is the driver's responsibility to maintain correct tyre pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tyre pressure telltale.

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tyre pressure telltale. When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously illuminated.

This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists. When the malfunction indicator is illuminated,

When Driving Tyre Pressure Monitoring System (TPMS)

the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tyres or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale after replacing one or more tyres or wheels on your vehicle to ensure that the replacement or alternate tyres and wheels allow the TPMS to continue to function properly.

To avoid false readings, the system samples for a little while before indicating a problem. As a result it will not instantaneously register a rapid tyre deflation or blow out.

▼ Tyre Pressure Monitoring System Warning Information

NOTE

If the tyre pressure is calibrated in a warm environment, the tyre pressure warning light may illuminate when entering a cold environment, and vice versa. This is due to pressure changes caused by temperature fluctuations and does not indicate a system malfunction. When driving in areas with varying temperatures, check and calibrate the tyre pressure of all four tyres as needed and reset the tyre pressure monitoring system.

The tyre pressure monitoring system should only be reset after calibrating all four tyres to the specified cold

inflation pressure. The system will successfully learn the new settings during normal vehicle operation after the reset.

The tyre pressure monitoring system needs to be reset in the following situations:

1. Adjusting the inflation pressure of one or more tyres.
2. Removing or replacing any tyre / wheel.
3. Inflating the tyres and relearning after one year or 10,000 km (6214 mile) (recommended).

If wheels other than those specified by Mazda are installed, it may affect the normal operation of the tyre pressure monitoring system.

When Driving

360° View Monitor

360° View Monitor

▼ 360° View Monitor

The 360° View Monitor system is a parking assistance system that collects images around the vehicle through four cameras at the front, rear, left, and right, synthesizes a 360° overhead view, and displays it through the vehicle's infotainment system. This system reduces blind spots whilst improving manoeuvrability during parking and navigating tight spaces.

WARNING

- The 360° View Monitor may distort object outlines on the screen, so you cannot rely solely on the image to estimate the distance between your vehicle and obstacles (vehicles, pedestrians, etc.). Please make judgments based on actual conditions to ensure safety!
- Due to the resolution limitations of the panoramic system, some objects may not be displayed or may not be clearly displayed, such as thin poles, grilles, and trees.
- The front and rear views of the 360° View Monitor still have some blind spots. Always observe your surroundings. The 360° View Monitor can only display two-dimensional images on the screen. Due to the lack of spatial depth, it is difficult or impossible to identify protrusions or depressions on the road through the 360° View Monitor.

CAUTION

- Always observe the environment around the vehicle. The parking space width should be at least equal to the width of the vehicle's extended lines. Please use the 360° View Monitor system when the tailgate is fully closed, the side mirrors are naturally extended, and the front doors are properly closed. The panoramic cameras are installed on the exterior of the vehicle and are easily covered by dirt. If the video is unclear, it is recommended to manually wipe the lens surface with a soft cloth.
- The 360° View Monitor will not work or have limited functionality in the following situations:
 - Doors are open;
 - External mirrors are folded;

When Driving 360° View Monitor

- Tailgate is not closed;
 - Heavy rain, snow, or fog;
 - Night or very dark locations;
 - Cameras are exposed to strong light;
 - The area is illuminated by fluorescent or LED lights (the centre display will flicker);
 - Driving into a heated garage in winter with rapid temperature changes.
 - Open or connect the electric tow hook.
- If vehicle parts where cameras are installed are damaged, consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible to check the camera position and calibration.

System Activation Methods:

1. Tap [360° View Monitor] in the application centre to open the view;
2. Tap the [360° View Monitor] icon in the control centre to open the 360° View Monitor function;

When Driving

360° View Monitor

3. The reverse camera automatically activates when the vehicle is in R (Reverse) gear;
4. Turn on the [Turn Signal Activated Panoramic] icon in Vehicle Setting. When the speed is below 15 km/h (9 mph) and the turn signals are activated, the 360° View Monitor automatically triggers;
5. When the vehicle speed is below 15 km/h (9 mph) and within a certain range of obstacles, the 360° View Monitor automatically triggers;
6. Press the [360] switch on the steering wheel to enter the 360° View Monitor.

Entering Panoramic View

Operating requirements: Vehicle power is ON and speed is less than 15 km/h (9 mph).

Press the panoramic button switch on the steering wheel, and the centre display automatically switches to 360° View Monitor.

After voice-activating the vehicle system and saying the keyword "open 360° View Monitor," the centre display automatically switches to 360° View Monitor.

The centre display automatically switches to the 360° View Monitor when selecting reverse gear (R).

When the Turn Signal Triggers 360° View function is enabled and vehicle speed is less than 15 km/h (9 mph), turning on the turn signal causes the centre display to automatically switch to the corresponding 360° View Monitor.

When Driving 360° View Monitor

When the slope vision assist function is enabled and vehicle speed is less than 27 km/h (17 mph), when the vehicle is traveling on an uphill slope of approximately $\geq 9^\circ$, the centre display automatically switches to 360° View Monitor.

When the Radar Triggered 360° View function is enabled, in non-P (Park) gear, non-R (Reverse) gear, and speed less than 15 km/h (9 mph), when the radar detects an obstacle within the set distance from the vehicle, the centre display will switch to the corresponding 360° View Monitor.

Exiting Panoramic View

When entered by switch press and full-speed 360° View Monitor is not enabled, the 360° View Monitor will automatically exit at speeds above 30 km/h (19 mph). When the vehicle is not in R gear (Reverse), tap the close switch on the panoramic interface to close the 360° View Monitor and return to the previous display screen.

For turn signal or radar-triggered 360° View Monitor, it automatically exits 5 seconds after the trigger conditions are no longer met.

View Switching

Panoramic + Front/Rear/Front-Left/Front-Right View Switching

In 360° View Monitor, tap the front, rear, left, or right areas to switch the single view to the corresponding panoramic + front/rear/front-left/front-right/front-left + front-right/rear-left + rear-right views.



When switching from R gear (Reverse) to non-R gear, the view will automatically switch to panoramic + front view.

When Driving

360° View Monitor

Vehicle Wheel Hub View Switching

In panorama + single view mode, tap the white circular icon on the vehicle model to switch between panorama + front left and right view, and panorama + rear left and right view.

Front/Rear Wide-Angle View Switching

In panoramic + front/rear view, tap the single view area to switch to the corresponding direction's large single view. The single overhead large view has a wider viewing angle. Tap the large single view again to switch back to the corresponding panoramic + single view.

Parking Guide Lines

In panoramic + front/rear view, guide lines appear in both the 360° View Monitor and single view.



- Warning lines: Approximately 20 cm (1 ft) lateral extension from the vehicle's tyres.
- Wheel trajectory lines: Vehicle tyre movement trajectory.
- Safety lines: Approximately 50 cm (2 ft) from the vehicle body.

When the steering wheel turns, the dynamic guide lines will rotate accordingly. These guide lines estimate the vehicle's driving trajectory. When the steering wheel is centred, the dynamic guide lines will be hidden.

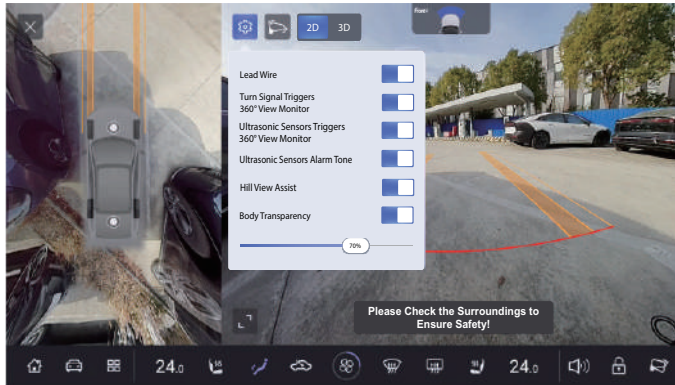
3D View Switching

Tap the 3D view icon to switch to 3D mode. Tap the 3D controls around the vehicle model or slide the model to switch to the corresponding 3D angle.

When Driving 360° View Monitor

Settings

In panoramic mode or single view, tap the settings icon on the left side (left-hand drive model) or right side (right-hand drive model) of the display to configure the following functions:



1. Lead Wire: When enabled, displays parking assistance wires;
2. Turn Signal Triggers 360° View Monitor: When enabled, activates 360° View Monitor when turn signals are used at speeds below 15 km/h (9 mph);
3. Ultrasonic Sensors Triggers 360° View Monitor: When enabled, activates 360° View Monitor when radar detects obstacles within the set distance;
4. Ultrasonic Sensors Alarm Tone: When enabled, emits radar alert tone;
5. Hill View Assist: When enabled, system actively enables 360° View Monitor when vehicle is on slopes of approximately greater than 9° to help observe front blind spots;
6. Body Transparency: When enabled, allows adjustment of vehicle body transparency using the slider, with a range of 10%-100%.

360° View Monitor

When the 360° view monitor switch is on, the panoramic interface can be opened through voice recognition, application page switches, or steering wheel hard switches at any speed. When the 360° view monitor switch is disabled, the panoramic image cannot be activated when the vehicle speed exceeds 30 km/h (19 mph), and if panoramic image was already enabled before exceeding the speed limit, it will automatically exit.

When Driving 360° View Monitor

Transparent Vehicle

The system records and displays the ground surface beneath your vehicle by storing video footage of areas you have driven over. When driving over previously traversed areas, the system displays the recorded ground surface beneath your vehicle. If the vehicle is in motion, the surface view continuously updates according to vehicle speed. If the vehicle comes to a stop, the saved ground view remains displayed until you exit the 360° View Monitor.

Trailer Mode

- When Trailer Mode is activated, the panoramic camera will display the tow hook's trajectory.
- When a trailer is connected and Reverse (R) gear is engaged, the main view will show the left and right rear-side images, and the reverse radar alert will be disabled.

Use of various features for ride comfort, including air conditioning system and audio system.

Fully Automatic Climate Control System.....5-2

Fully Automatic Climate Control System..... 5-2

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Interior Features

Fully Automatic Climate Control System

Fully Automatic Climate Control System

▼ Fully Automatic Climate Control System

You can control the fully automatic climate control system through the centre display or via voice recognition to provide a comfortable temperature and fresh, clean air inside the vehicle, catering to different driving experiences.

Activation methods: Set through the fully automatic climate control system interface on the centre display or use voice control.

NOTE

- Set the temperature to the recommended 25 °C (77°F), then adjust as needed.
- Setting the temperature to the hottest or coldest setting will not provide the desired temperature more quickly.

CAUTION

Do not obstruct the temperature sensor, otherwise the fully automatic climate control system will not operate properly.

▼ Fully Automatic Climate Control System Operation Area

CAUTION

Do not press the screen forcefully or use sharp objects to press the screen. Otherwise, the screen may be damaged.

Interior Features

Fully Automatic Climate Control System

(Left-Hand Drive Model)



(Right-Hand Drive Model)



Interior Features

Fully Automatic Climate Control System

1. Power Switch: Tap to quickly turn the fully automatic climate control system on/off.

NOTE

- When the fully automatic climate control system is off, press the power switch to start it.
2. AUTO Switch: Touch the [AUTO] icon to enter the automatic control mode of the air conditioner.
Once the AUTO mode is activated, you only need to set the temperature (the air volume, internal/external circulation, and air outlet mode will adjust automatically).
After AUTO mode is activated, operating the air volume, air outlet mode, or state selection icons will exit AUTO mode.
 3. Status Selection: Touch to icon in sequence, ❄️ cooling, ☀️ heating, 🌬️ ventilation. When in AUTO mode, the icon is displayed as 🌬️.
 4. Fan Speed Selection: Touch or drag the slider to change the volume of the air flow.
 5. Air Purification: Tap to activate the air purification function. If the air conditioner is off, it will automatically turn on and activate the ion generator to purify the air.
 6. Quick Cooling: Tap to activate maximum airflow, lowest temperature, and switch the circulation to internal recirculation mode.
 7. Air PM2.5: Displays the concentration of PM2.5 in the car's interior.
 8. Operating Mode: Touch to icon between comfort and eco.
 9. Passenger Seat Temperature Control: Touch to select the passenger seat's target temperature.
 10. One-Touch Defrost: Touch to enter the front defrost mode. The default air volume is level 5, and the air volume will automatically increase to level 5 if the initial air volume is less than level 5.

Interior Features

Fully Automatic Climate Control System

WARNING

Do not use the front windscreen defroster switch while the temperature control is set to cold position:

It is dangerous to use the front windscreen defroster switch when the temperature control is set to cold position, as this will cause fogging on the outside of the windscreen. Your visibility will be obstructed, which could lead to a serious accident. When using the front windscreen defroster switch, set the temperature control to hot or warm position.

NOTE

- Fog on windows clears more easily when the fully automatic climate control system is on, but windows are also more likely to fog up after turning off the fully automatic climate control system.
 - Be careful not to let windows fog up when performing any of the following operations:
 - Switching to recirculation mode
 - Turning off the fully automatic climate control system
 - For maximum defrosting, turn on the fully automatic climate control system, set the temperature to the hottest position, and adjust the airflow to maximum.
11. Fully Automatic Climate Control Switch: Press to enter or exit the air conditioner control screen. Hold down for 0.4 s to turn on the air conditioner and hold down for 0.4 s to turn off the air conditioner.
 12. Air Inlet Switch: Tap to choose between internal air circulation  or external air circulation .

WARNING

Do not use recirculation mode in cold or rainy weather conditions:

It is very dangerous to use recirculation mode inside the cabin during cold or rainy weather, as this will cause the windows to fog up. Your visibility will be obstructed, which could lead to a serious accident.

13. Airflow Mode Switch: Touch to select different airflow modes, which include 7 modes: face blowing, face and foot blowing, foot blowing, defrosting foot blowing, defrosting, face defrosting, and face and foot

Interior Features

Fully Automatic Climate Control System

blowing while defrosting.

14.Driver Seat Temperature Control: Touch to select the driver's target temperature.

15.SYNC (Synchronized Temperature) switch: Use the SYNC icon to change the mode between the individual operation (driver and passenger) and interconnection (simultaneous) modes.

Interior Features

Fully Automatic Climate Control System

Air Outlet Operation

▼ Adjusting the Vents

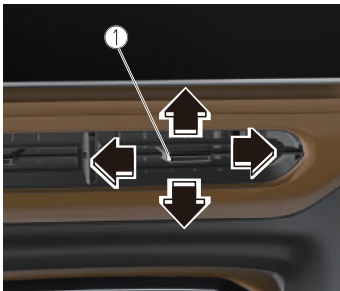
Airflow Direction

To adjust the airflow direction, move the dial.

NOTE

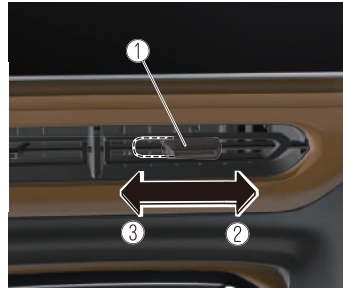
- When using the fully automatic climate control system in a humid environment, the system may blow mist from the vents. This is not a malfunction but is caused by the sudden cooling of humid air.
- The dial can be used to fully open or close the vents.

Airflow direction adjustment



1. Dial

Air vent open/close



1. Dial
2. Open
3. Close

Classification of Fluorinated Agent and Global Warming Potential (GWP):

Item	Content
Presence of Fluorinated Greenhouse Gas (F-gas)	Yes
Type of F-gas	*1 HFC-1234yf (R-1234yf) *2 HFC-134a (R-134a)
Global Warming Potential (GWP) of F-gas	*1: 0.501 *2: 1430
Weight of F-gas	900g
CO ₂ Equivalent of F-gas	*1: 4.51 x 10 ⁻⁴ t (0.994lb) *2: 1.287 t (2837.35lb)
Use of Recovered or Recycled F-gas	Yes
Safety Requirements Exemption Note	Not applicable
Leak Checking Requirements	Inspection prior to filling each vehicle
Labelling Requirements	OK
Declaration of Compliance	System using HFC-1234yf fluorinated agent: Product complies with EU Regulation (EU) 2024/573

Interior Features

Fully Automatic Climate Control System

*1. Applicable to the following countries or regions: European Union (EU), United Kingdom (UK), Australia, New Zealand.

*2. Applicable to the following countries or regions: Indonesia, Malaysia, Thailand, Singapore, Hong Kong (China), Macau (China).

All EU language chart

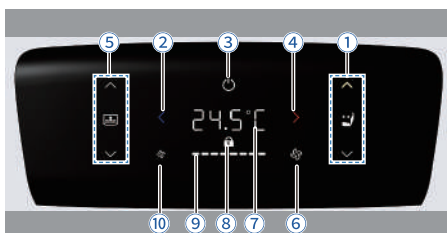
Air conditioning refrigerant R-1234yf (HFO-1234yf) Capacity: See below chart. GWP (Global Warming Potential) : 0.501
Contains fluorinated greenhouse gases
Содержит фторированные парниковые газы
Sadržava fluorirane stakleničke plinove
Obsahuje fluorované skleníkové plyny
İnhalektör floritoldige dirňusgasser
Bevat gefluoreerde broeikasgassen
Sisaldab fluoritud kasvuhoonegaase
Sisältää fluorattuja kasvihuonekaasuja
Contient des gaz à effet de serre fluorés
Enthält fluorierter Treibhausgase
Περιέχει εφόρσφσφσ ορρσφ σφρσφσφσφσφ
Fluortortalmi üvegházhatású gázokat tartalmaz
Contiene gas fluoratı a effetto serra
Sudėtyje yra fluorintų šiltnamio efektą sukeliančių dujų
Satur fluorētās silurnīcefekta gāzes
Fih gassiaet fluorurati b'effett ta' serra
Zawiera fluorowane gazy cieplarniane
Contém gases fluorados com efeito de estufa
Contine gaze fluorate cu efect de seră
Obsahuje fluorované skleníkové plyny
Vsebuje fluorirane toplogredne pline
Contiene gases fluorados de efecto invernadero
İnhalektör fluorirade vaxthusgasser
İnhalektör fluoritoldige dirňusgasser
İnhalektör fluorirade gröðunhösluttögundir

Rear Touchscreen Display

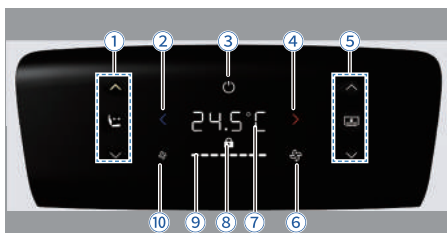
▼ Rear Touchscreen Display

The Rear Touchscreen Display allows rear passengers to conveniently adjust the fully automatic climate control system.

(Left-Hand Drive Model)



(Right-Hand Drive Model)



1. Front Passenger Electric Seat Adjustment: Adjust the front passenger seat position.
2. Decrease Temperature: Tap this icon to lower the temperature. Press and hold for continuous adjustment, with a minimum setting of LO.
3. Fully Automatic Climate Control On/Off: Tap this icon to turn the vehicle's fully automatic climate control on or off (if front defrost is

Interior Features

Fully Automatic Climate Control System

active, the fully automatic climate control cannot be turned off).

4. Increase Temperature: Tap this icon to raise the temperature. Press and hold for continuous adjustment, with a maximum setting of HI.
5. Power Roof Sunshade Switch*: Open and close the power roof sunshade.
6. Increase Fan Speed: Tap this icon to increase the fan speed. Press and hold for continuous adjustment, with a maximum of 8 levels.
7. Temperature Display: Displays the front passenger's fully automatic climate control temperature.
8. Lock Switch: When the rear touchscreen display is disabled in the infotainment system, the lock icon is displayed, and the controls are locked. When the rear touchscreen display is enabled in the infotainment system, the lock icon is hidden, and the controls are unlocked.
9. Fan Speed Display: Displays the current fan speed level.
10. Decrease Fan Speed: Tap this icon to decrease the fan speed. Press and hold for continuous adjustment, with a minimum of 0 level.

CAUTION

- Avoid unnecessary use of on-screen icons to prevent unintended adjustments to climate control settings, ensuring optimal driving comfort.

*Some models.

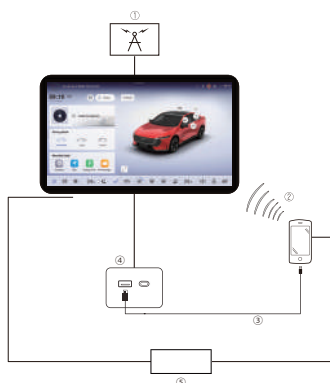
Interior Features

Connected Service

What is Connected Service?

▼ What is Connected Service?

This manual only indicates a part of the information for Connected Service. For details, check the Web owner's manual at the Mazda site for each country and region.



1. Radio
2. Bluetooth® Audio/Hands-Free Call/SMS (Short Message Service)/Wi-Fi/Apple CarPlay/Android Auto™
3. USB Video/USB Picture/USB Music
4. USB port
5. In-vehicle intelligent application platform

NOTE

- There are two USB ports, only the left USB port supports USB/Apple CarPlay/Android Auto™ data transfer, and the right USB port only supports phone charging.

After the centre display is activated, the home interface displays the following information:

Interior Features Connected Service

(Left-Hand Drive Model)



(Right-Hand Drive Model)



1. HOME: Tap to return to the home screen from any interface.
2. Vehicle Centre: Includes Vehicle Settings and system settings functions.
3. Task Manager: Tap to display Application Centre.
4. Adjustment of in-car fully automatic climate control, including: driver's temperature control, heated front seat switch/front seat ventilation switch, airflow mode switch, and internal/external circulation switch.

Interior Features

Connected Service

5. Fully Automatic Climate Control Switch: A short press can open or close the fully automatic climate control page; a long press of the icon can activate or deactivate the fully automatic climate control function.
6. Interior fully automatic climate control adjustment, including: front defrost switch, rear defrost switch (including external rear-view mirror heating), heated front seat switch/front seat ventilation switch, front passenger temperature adjustment.
7. Volume adjustment switch, including music sound, navigation sound, and phone sound adjustment.
8. Rear Touchscreen Display Lock: Tap to unlock/lock the Rear Touchscreen Display.
9. Rear-view Mirror Folding Switch: Tap to fold/unfold the exterior rear-view mirror.
10. Top Status Bar: Displays the air quality inside and outside the vehicle, current time, mobile data status, WiFi connection status, front passenger airbag deactivation switch status, GPS signal status, Bluetooth® connection status, phone battery status, wireless charging status, and camera activation status.
11. Application Centre: Swipe down with one finger to open the Application Centre.
12. User Account Login: Displays the currently logged-in vehicle system account. Tap to access the vehicle system account application.
13. Message Centre: Displays the number of unread messages, tap to enter the message centre.

Interior Features

Connected Service

14. Application Cards: Includes music shortcut card, phone shortcut card, scene mode shortcut card, and recently used shortcut card. Tap the edit icon to add shortcut cards for other applications.
15. Time and Temperature: Displays the current month, day, week, time, and the temperature of the day.
16. Voice Recognition: The area where the image and voice dialogue of the voice recognition are displayed.
17. Control Centre: To open it, perform a one-finger swipe gesture starting from the very edge of the screen.
 - For Left-Hand Drive models: Swipe inwards from the right edge of the screen.
 - For Right-Hand Drive models: Swipe inwards from the left edge of the screen.



Always adjust Connected Service while the vehicle is stopped:

Do not operate the centre display while driving the car. Operating Connected Service while driving the vehicle is dangerous as it could distract your attention from the vehicle operation which could lead to a serious accident.

When using the control switch on the steering wheel, you should learn to use the switches without looking down at them so that you can keep your maximum attention on the road while driving the vehicle.

Do not adjust a mobile device or a similar product while driving the vehicle:

Adjusting a mobile device or a similar product while driving the vehicle is dangerous as it could distract your attention from the vehicle operation which could lead to a serious accident. Always adjust a mobile device or a similar product while the vehicle is stopped.

Interior Features

Connected Service



For the purposes of safe driving, adjust the audio volume to a level that allows you to hear sounds outside of the vehicle including car horns and particularly emergency vehicle sirens.

NOTE

- Do not use Connected Service for a long time with the EV system stopped. Otherwise, the lead-acid battery power could be depleted.
- If a mobile phone or CB radio is used in or near the vehicle, it could cause noise to occur from the audio system. However, this does not indicate a problem.

NOTE

- For navigation system operation, please refer to the navigation manual;
- For audio system operation, please refer to the audio manual.

NOTE

When using services such as online navigation and voice control, please complete the following two steps in the Mobile APP in advance:

- Bind the vehicle, refer to the "To Start Connected Service" section for details (Page 5-23).
- Scan the QR code to log in to your account when the vehicle's display screen is powered on, and select the network mode to complete the functionality authorization. If the above two steps are not completed, only offline services such as offline voice control and offline navigation will be available, and some online functions will be unavailable.

Connected Service Basic Operations

▼ Connected Service Basic Operations

NOTE

The explanation of functions described in this manual may differ from the actual operation, and the shapes of screens and switches and the letters and characters displayed may also differ from the actual appearance.

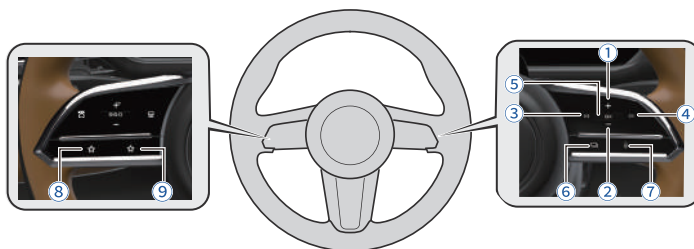
Additionally, depending on future software updates, the content may successively change without notice.

Interior Features

Connected Service

▼ Audio Remote Control Switch Operation

The audio remote control switch is on the right side of the steering wheel. You can operate basic audio functions, pick up/hang up the phone, or activate voice control using the switch.



1. : Increase volume.
2. : Short press - Decrease Volume/Long Press - Mute.
3. : Previous Track/ Hang up.
4. : Next Track/Pick up.
5. : Play/Pause.
6. : Toggle driving information display on the instrument cluster.
7. : Voice recognition.
8. : Custom function switch 1.
9. : Custom function switch 2.

You can use the steering wheel custom switch to set related shortcut functions. For details, see the "Steering Wheel Custom Switch" section.

▼ Appendix

Apple CarPlay



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Interior Features

Connected Service

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- When using Apple CarPlay, please avoid distraction and use Apple CarPlay responsibly.
Stay fully aware of driving conditions and always obey applicable laws.

NOTE

- Apple CarPlay is provided by Apple® and its use is subject to your agreement to the Apple CarPlay terms of use, which are included as part of the Apple iOS terms of use.
- When using Apple CarPlay, location, speed, and other vehicle data is transferred to your iPhone®. For further details, refer to Apple®'s Privacy Policy.

Android Auto™



- YOU EXPRESSLY ACKNOWLEDGE AND AGREE THAT USE OF ANDROID AUTO™ ("THE APPLICATION") IS AT YOUR SOLE RISK AND THAT THE ENTIRE RISK AS TO SATISFACTORY QUALITY, PERFORMANCE, ACCURACY AND EFFORT IS WITH YOU TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, AND THAT THE APPLICATION AND INFORMATION ON THE APPLICATION IS PROVIDED "AS IS" AND "AS AVAILABLE", WITH ALL FAULTS AND WITHOUT WARRANTY OF ANY KIND, AND MAZDA HEREBY DISCLAIMS ALL WARRANTIES AND CONDITIONS WITH RESPECT TO THE APPLICATION AND INFORMATION ON THE APPLICATION, EITHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES AND/OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, FITNESS FOR A PARTICULAR PURPOSE, ACCURACY, QUIET ENJOYMENT, AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.

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Interior Features Connected Service

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- When using Android Auto™, please avoid distraction and use Android Auto™ responsibly.
Stay fully aware of driving conditions and always obey applicable laws.

NOTE

- Android Auto™ is provided by Google and its use is subject to your agreement to the Android Auto™ terms of use.
- When using Android Auto™, location, speed, and other vehicle data is transferred to your smart phone. For further details, refer to Google Privacy Policy.

Trademark

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Interior Features

Connected Service

- Apple CarPlay is a trademark of Apple Inc.
- Use of the Apple CarPlay logo means that a vehicle user interface meets Apple performance standards. Apple is not responsible for the operation of this vehicle or its compliance with safety and regulatory standards. Please note that the use of this product with iPhone®, iPod® may affect wireless performance.
- iOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.
- "Made for iPhone®" and "Made for iPod®" mean that an accessory has been designed to connect specifically to iPhone® or iPod®, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPhone® or iPod® may affect wireless performance.

Apple CarPlay is applicable to iPhone® 6S and later models, and only supports mobile iOS14 and later software versions.



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- The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth® SIG, Inc. and any use of such marks by Panasonic Corporation is under license. Other trademarks and trade names are those of their respective owners.



Mobile APP

▼ Download and Authentication

- You can download the Mobile APP from the Apple App Store and Google Play.

NOTE

Please note that this application is only compatible with mobile operating systems iOS 13.0 or later and Android 8.0 or later. The app's control functions are not supported on devices running earlier operating system versions.

▼ Vehicle Binding

You can initialize your account information and bind the vehicle at the dealership with the assistance of the service staff. Then complete the vehicle binding process in the App. Once the binding is completed, you can perform operations such as remote vehicle status inquiry and remote control on the vehicle. Follow the steps below to link the App with the vehicle.

1. After logging in to the App, navigate to the available vehicles page and select "Link Vehicle" to view the list of vehicles;
2. Select your vehicle from the list. You will see your vehicle's model, VIN and other details displayed;

3. Click to obtain the verification code, the system will send the vehicle binding verification code to your email;
4. Enter the verification code from your email and click [Confirm Link] to complete the process.

▼ Detach the vehicle

If you need to cancel your account during use, you can unbind your car in the following ways.

1. After the owner enters the home page, click the nickname of the vehicle in the upper left corner (default nickname: My vehicle or My car) to enter the vehicle management page;
2. Enter the vehicle management page and click the picture of the vehicle to enter the vehicle details page;
3. Click the "Unlink Vehicle" icon to enter the vehicle unbind page, which will indicate the related impact and preconditions after unbind;

Interior Features

Mobile APP

4. After clicking "Confirm", the system will automatically judge whether there is a valid vehicle sharing record in the current unstrapped vehicle. If there is, the pop-up window will prompt and provide a icon to go to the vehicle sharing management to end the sharing. If there is no valid vehicle sharing record, the system will enter the account e-mail verification stage;
5. Click to obtain the verification code, the system will send the e-mail verification code to the owner's mailbox;
6. Enter the verification code obtained from the e-mail address, and click "Confirm unbinding" to complete vehicle unbinding.

CAUTION

- The management rights of the Mobile App account belong to the user. Please refer to the Mobile App for the User Agreement and Privacy Policy.

▼ Account Login

Account Login

1. QR Code Login

You can tap "Visitor landing" in the personal centre to bring up the QR code login interface, and use the mobile app to scan the code to log into your personal account.

Interior Features Mobile APP

▼ Mobile Control



1. Tap the [Remote Control] icon to switch to remote vehicle control mode.
2. Tap the [Bluetooth®] icon to switch to Bluetooth® control mode.

Note: Please ensure your phone's Bluetooth® is turned on before use.



3. After entering remote control mode, the following controls can be carried out:

- Tap the [Car Lock] icon to lock/unlock the vehicle;
- Tap the [Window] icon to ventilate/close the windows;
- Tap the [Liftgate] icon to open/close the vehicle's liftgate;
- Tap the [Whistle and Flash] icon, the vehicle will whistle and the lights will flash;
- Tap the [Flash] icon and the vehicle lights will flash.

After entering Bluetooth® control mode, the following controls can be carried out:

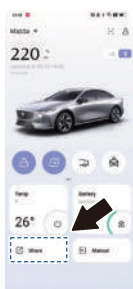
- Tap the [Car Lock] icon to lock/unlock the vehicle;
- Tap the [Window] icon to open/close the windows;
- Tap the [Liftgate] icon to open/close the vehicle's liftgate;
- Tap the [Electric Rear Spoiler] icon to toggle the open/close state of the vehicle's spoiler;
- Tap the [Whistle and Flash] icon, the vehicle will whistle and the lights will flash;

Interior Features

Mobile APP

▼ Sharing Management

In the APP vehicle control main interface, tap the [Share] icon to manage vehicle sharing.



Tap the [Share] icon on this interface to add shared user information.

Remarks: Sharing is limited to 3 people.

Tap the [End] icon on this interface to cancel active sharing permissions.



After completing the shared user information, tap the [Confirm to Share] icon to finish adding the shared user information.

After successful sharing, the shared user must log into the APP using the email address you shared to use functions such as remote vehicle control and Bluetooth® key vehicle control.



▼ Privacy

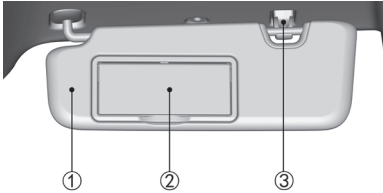
Mazda maintains a Privacy Statement which describes how we collect, use, share store and secure data from your vehicle equipped with connected services. We provide you with connected services by collecting and using your personal information and vehicle location, health and driving data. To learn more about our Privacy Statement, please check the privacy agreement on each local Mazda official website.

Interior Features

Interior Equipment

Sun Visor

▼ Sun Visor



1. Sun visor
2. Vanity mirror
3. Mounting bracket

The sun visor can prevent glare from affecting the driver and passengers.

Flip down the sun visor, pull the free end of the sun visor out of the mounting bracket, and then flip the sun visor to the side to block glare from the side.

NOTE

- Please close the vanity mirror cover before closing the sun visor.

Interior Lights

▼ Interior Lights

Front Map Lights



1. Lens

Control the front map lights by touching the lens to turn them on and off.

Rear Map Lights



1. Lens

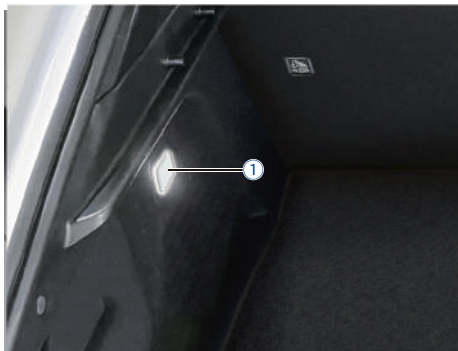
Control the rear map lights by pressing the lens to turn them on and off.

Interior Features

Interior Equipment

Luggage compartment light

The luggage compartment light is on when the liftgate is open and off when it is closed.



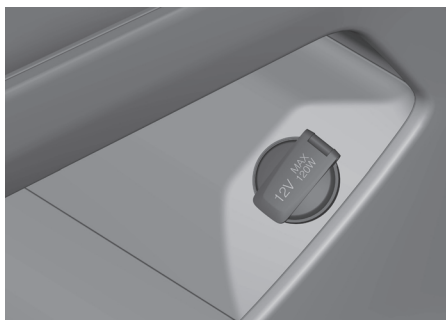
1. Luggage compartment light

NOTE

Do not leave the liftgate open for extended periods while the EV system is stopped. Otherwise the lead-acid battery power could be depleted.

Accessory Sockets

▼ Accessory Sockets



The front row power outlet provides 12V DC power. The power consumption of electrical devices should be $\leq 120\text{W}$.

⚠ CAUTION

- To prevent accessory socket damage or electrical failure, pay attention to the following:
 - Do not use accessories that require more than 120 W (DC 12 V, 10 A).
 - Do not use accessories that are not genuine Mazda accessories or the equivalent.
 - Close the cover when the accessory socket is not in use to prevent foreign objects and liquids from getting into the accessory socket.
 - Correctly insert the plug into the accessory socket.

Interior Features

Interior Equipment

- Noise may occur on the audio playback depending on the device connected to the accessory socket.
- Depending on the device connected to the accessory socket, the vehicle's electrical system may be affected, which could cause the warning light to illuminate. Disconnect the connected device and ensure that the problem is resolved. If the problem is resolved, disconnect the device from the socket and power off. If the problem is not resolved, consult an expert repairer, we recommend an Authorised Mazda Repairer.

Cup Holder

▼ Cup Holder



Never use a cup holder to hold hot liquids while the vehicle is moving:

Using a cup holder to hold hot liquids while the vehicle is moving is dangerous. If the contents spill, you could be scalded.

Do not put anything other than cups or drink cans in cup holders:

Putting objects other than cups or drink cans in a cup holder is dangerous.

During sudden braking or manoeuvring, occupants could be hit and injured, or objects could be thrown around the vehicle, causing interference with the driver and the possibility of an accident. Only use a cup holder for cups or drink cans.

Interior Features

Interior Equipment

▼ Front

The front cup holder is on the sub-instrument panel.

(Left-Hand Drive Model)



(Right-Hand Drive Model)



1. Front cup holder

▼ Rear

The rear cup holder is on the rear centre armrest.



1. Rear cup holder

Interior Features

Interior Equipment

Bottle Holder

▼ Bottle Holder

Bottle holders are on the inside of the doors.

(Left-Hand Drive Model)



(Right-Hand Drive Model)



1. Bottle holder

⚠ CAUTION

Do not use the bottle holders for containers without caps. The contents may spill when opening/closing the door or while driving the vehicle.

Assist Grips

▼ Assist Grips

⚠ WARNING

Never hang heavy or sharp objects on the assist grips:

Hanging heavy or sharp-ended objects such as a coat hanger from the assist grips or coat hooks is dangerous as they can fly off and hit an occupant in the cabin if a curtain airbag was to deploy, which could result in serious injury or death.

Do not use the assist grips when getting in and out of the vehicle or getting out of a seat:

An assist grip could break under a heavy load resulting in injury.

Use the assist grips to support your body while seated in the vehicle and while the vehicle is moving.



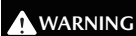
1. Assist Grip

Interior Features

Interior Equipment

Storage Compartments

▼ Storage Compartments



Keep storage boxes closed when driving:

Driving with the storage boxes open is dangerous. To reduce the possibility of injury in an accident or a sudden stop, keep the storage boxes closed when driving.

When loading cargo, ensure that it is completely secured:

If the cargo is not completely secured, it may move or collapse while driving or during sudden braking, resulting in injury or an accident.

Do not put articles in storage spaces with no lid:

Putting articles in storage spaces with no lid is dangerous as they could be thrown around the cabin during sudden braking, manoeuvring, or acceleration and cause an accident depending on how the article is stored.



Do not leave lighters or eyeglasses in the storage boxes while parked under the sun. A lighter could explode or the plastic material in eyeglasses could deform and crack from high temperature.

▼ Glove Compartment

To open the glove compartment, pull the latch toward you.

(Left-Hand Drive Model)



(Right-Hand Drive Model)



To close the glove compartment, firmly press in the centre of the glove compartment lid.

▼ Centre Console

(Left-Hand Drive Model)



Interior Features

Interior Equipment

(Right-Hand Drive Model)



Press the switch button on the side of the centre console, and the lid will automatically pop open.

▼ Luggage Compartment

You can store large goods and luggage in the luggage compartment.



Cargo Sub-Compartment

1. Lift the luggage mat.



1. Luggage mat

▼ Boot

When the boot is opening, you can use the boot storage space to load items. The boot storage space is divided into upper and lower layers.

⚠ CAUTION

- The loading weight of the boot should not exceed 25 kg, otherwise damage may occur.
- Do not load flammable, explosive, or sharp items to avoid damage or injury.

⚠ WARNING

- When storing liquid items, ensure proper sealing to prevent liquid leakage that may damage the vehicle. If leakage occurs, clean up promptly.
- Never allow people or animals to enter the boot. Always check interior before closing.

Interior Features

Interior Equipment

Wireless Phone Charger (Qi)

▼ Wireless Phone Charger (Qi)

This vehicle can charge phones with wireless charging capability. The output power adapts to the phone's receiving power for energy efficiency, with a maximum output of 50W. The charging speed is affected by factors such as the phone's receiving power and its distance from the charging pad.

Using Wireless Charging

1. The phone placement area is on the left side of the storage tray at the front of the centre console. Charging begins when the phone indicates it is charging.
2. For better heat dissipation, please place the phone with its back covering the panel's air outlet.

(Left-Hand Drive Model)



(Right-Hand Drive Model)



The centre display screen in the vehicle shows a wireless charging status indicator. When the wireless

charging icon is an  and flashing

green, it indicates that wireless charging is in progress. When the green light is steady, it indicates that charging is complete. If the wireless

charging icon  is red, it indicates

that the wireless charging function is currently unavailable. Please refer to the following scenarios for the specific reasons.

Before using the wireless charging function, please remove any foreign objects from the charging pad surface. Do not place metal objects or magnetic cards in the charging area. Also, avoid using thick phone cases or metal phone cases (charging may not be possible when using thick or metal phone cases).

If the centre display shows the message "Wireless charging temperature too high", please remove the phone and

Interior Features Interior Equipment

try again later.

Charging stops automatically when the phone is fully charged. If some phones fail to charge, please turn off the phone, restart it, and place it back in the charging area.

The wireless phone charging function requires cooperation between the vehicle and the phone. Faults in either the vehicle or phone may result in charging failure. On bumpy roads, wireless phone charging may intermittently stop and resume. If the phone moves out of the effective charging area, it needs to be placed back into the effective charging area.



Radio waves from the wireless phone charger (Qi) may affect the operation of medical devices such as implanted-type cardiac pacemakers or defibrillators.

- Before using the wireless phone charger (Qi) near people who use medical devices, ask the medical device manufacturer or your physician if radio waves from the wireless phone charger (Qi) will affect the device.
- The wireless phone charger (Qi) can be disabled to prevent it from affecting medical devices. Consult an expert repairer, we recommend an Authorised Mazda Repairer for details.

Heed the following cautions.

Otherwise, the wireless phone charger (Qi) may malfunction or be damaged, which could cause a fire, burns due to heat generation, or an accident such as electrical shock.

- Do not install, remove, disassemble, or change the wiring of the wireless phone charger (Qi). If the wireless phone charger (Qi) needs to be installed or removed, consult an expert repairer, we recommend an Authorised Mazda Repairer.
- Do not use the wireless phone charger (Qi) when it is malfunctioning. In addition, if smoke, abnormal noise, or abnormal smell is emitted from the wireless phone charger (Qi), stop the vehicle in a safe place, switch the ignition OFF, and consult an expert repairer, we recommend an Authorised Mazda Repairer.
- When using the wireless phone charger (Qi) to store items, turn off the wireless phone charger (Qi).
- Do not place any metal object between the charging area and the mobile device. Also, do not apply items such as a metallic sticker to the wireless phone charger (Qi).
- When charging, do not place any item other than the mobile device to be charged on the wireless phone charger (Qi). In addition, do not place any metal object, IC card, coin, or magnetic item near the

Interior Features

Interior Equipment

charging area.

- Remove dust or dirt from the charging area before use.
- Do not apply strong force or impact to the wireless phone charger (Qi) or get it wet.
- Use only mobile devices which support the wireless phone charger (Qi).

CAUTION

- While a mobile device is placed on the charging area, keep the vehicle key away from the wireless phone charger (Qi). The vehicle key may not be detected due to radio wave interference by the wireless phone charger (Qi).
- Charging may not operate normally under the following conditions:
 - The mobile device is fully charged.
 - There is foreign matter between the mobile device and the charging area.
 - The temperature of the mobile device is high.
 - The mobile device is placed with the charging side facing upward.
 - The mobile device is placed in a position extremely deviating from the centre of the charging area.

- Your vehicle is in an area where strong radio waves or electrical noise occur such as near a television tower, power plant, or airport.
- The Near Field Communication (NFC) function setting of the mobile device is on (depends on the model of the mobile device).

- Keep the following items away from the charging area. Otherwise the data stored on the mobile device could be erased or the device could malfunction.
 - Magnetic items such as magnets, magnetic cards, and magnetic recording media.
 - High precision devices such as wristwatches.
- Before using the wireless phone charger (Qi), ensure to back up the data stored on the mobile device. The data on the mobile device could be deleted.
- Do not wipe the wireless phone charger (Qi) using oil, alcohol, or thinner, or spray hairspray or insecticide onto it. Otherwise, it could cause damage or cracking.
- Do not leave mobile devices in the cabin. The temperature inside the cabin may become very hot, causing the devices to malfunction.

Interior Features

Interior Equipment

NOTE

- A mobile device larger than the charging area cannot be charged. In addition, even if the mobile device is in the charging area, the charging efficiency may decrease or charging may not be possible depending on where the mobile device is placed.
- If the function to reduce noise on the radio is used, fast charging may be disabled depending on the mobile device being charged.
- Depending on the mobile device case or accessories used, the mobile device may not charge, or the charging efficiency may be reduced resulting in a longer charging time. If charging does not start even when a mobile device is placed on the charging area, remove the mobile device case or any accessories.
- While the keyless entry is operating, charging may stop temporarily, however, this does not indicate a problem.
- During charging, the wireless phone charger (Qi) and the mobile device become warm, however, this does not indicate a problem.
- If the mobile device temperature rises during charging, charging may stop due to the protection function of the device. If that happens, wait until the mobile device cools down sufficiently and then recharge it.
- When using the wireless phone

charger (Qi), applications using the Near Field Communication (NFC) function may activate, but this does not indicate a problem with the Wireless Charger (Qi).

How to keep your Mazda in top condition.

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Maintenance and Care Essential Information

Introduction

▼ Introduction

The maintenance tasks outlined in the "Maintenance Table" section should be carried out by qualified service technicians (we recommend an Authorised Mazda Repairer).

Vehicle owners may carry out the maintenance tasks outlined in the "Owner Maintenance" and "Appearance Care" sections, where clear step-by-step instructions are provided.

All other maintenance tasks that do not have specific instructions must be carried out by qualified service technicians.

Exercise caution to avoid injury when inspecting the vehicle, replacing tyres, or performing maintenance tasks (such as washing the car). Pay particular attention when handling areas that are hard to see while inspecting or working on the vehicle. Always wear thick protective gloves, such as cotton gloves. Handling inspections or tasks with bare hands may lead to injury.

If you are uncertain about any procedure outlined in this manual, we strongly advise you to have a reliable and qualified technician carry out the task. Consult a professional service technician; we recommend an Authorised Mazda Repairer.

Mazda Authorised technicians and

genuine Mazda parts are specifically engineered for your vehicle. Without professional knowledge and parts specifically engineered and manufactured for Mazda, inadequate, incomplete, or improper servicing may lead to malfunctions. This could result in vehicle damage, accidents, or injuries.

For expert advice and high-quality service, please consult a professional service technician; we recommend an Authorised Mazda Repairer.

Owners should retain proof that the required maintenance has been carried out as prescribed.

Warranty claims arising from lack of maintenance, as opposed to defective materials or Authorised workmanship, will not be honoured.

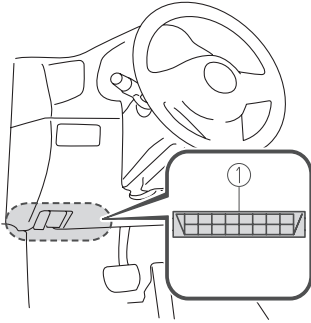
For expert advice and high-quality service, consult an expert repairer (we recommend an Authorised Mazda Repairer).

The diagnostic connector is specifically designed for on-board diagnostic equipment.

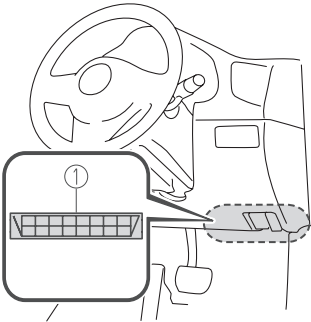
Do not connect any devices other than the specialised diagnostic equipment for servicing. If any device other than the diagnostic equipment is connected, it may interfere with the vehicle's electrical systems or cause the lead-acid battery to discharge.

Maintenance and Care Essential Information

(Left-Hand Drive Model)



(Right-Hand Drive Model)



1. Diagnostic connector



When using the diagnostic connector, please note the following:

- Strictly follow the instructions for the diagnostic connector to avoid incorrect operations that may further damage the vehicle or equipment.
- Keep the diagnostic connector and interface cables clean and dry to avoid water ingress

or contamination by external substances.

- Regularly update and upgrade the software of the diagnostic connector to ensure the accuracy and currency of diagnostic functions.

Maintenance and Care

Scheduled Maintenance

Scheduled Maintenance

▼ Scheduled Maintenance

After the prescribed period, continue to follow the described maintenance at the recommended intervals.

Maintenance and Care

Scheduled Maintenance

Maintenance Table

▼ Maintenance Table

NOTE

- After the prescribed period, continue to follow the described maintenance at the recommended intervals.
- As the result of visual examination or functional measurement of a system's operation (performance), correct, clean, or replace as required.

Normal Driving Scheduled Maintenance

Vehicles utilizing the vehicle scheduled maintenance reminder function (My Mazda Service):

The vehicle scheduled maintenance reminder function alerts you of maintenance needs by turning on the wrench indicator light on the instrument panel and displaying a pop-up message on the centre display.

Every maintenance must be done when the display/wrench indication comes on. The display/wrench indication will come on before reaching the maximum interval, 20,000 km (12427 miles) or 12 months, whichever comes first. (after the previous maintenance)

Reset Service Interval when the maintenance was performed regardless of the message/wrench indicator light display.

Maintenance and Care

Scheduled Maintenance

Maintenance Item	Number of months or kilometres (miles), whichever comes first.												
	Months	12	24	36	48	60	72	84	96	108	120	132	144
	×1,000 km	20	40	60	80	100	120	140	160	180	200	220	240
	×1000 miles	12.5	25	37.5	50	62.5	75	87.5	100	112.5	125	137.5	150
Electric Drive System Assembly													
◇ Electric drive system assembly connectors (looseness, damage)		I	I	I	I	I	I	I	I	I	I	I	I
◇ Electric drive system assembly grounding bolts and wire harness terminals		I	I	I	I	I	I	I	I	I	I	I	I
◇ Electric drive system assembly mounting bolts (looseness, damage)		I	I	I	I	I	I	I	I	I	I	I	I
◇ Electric drive system assembly cooling system (leakage, damage, loose water pipe connections)		I	I	I	I	I	I	I	I	I	I	I	I
◇ Electric drive system assembly reducer housing surface, half-shaft oil seal, fill plug, drain plug, vent plug (oil leakage, damage)		I	I	I	I	I	I	I	I	I	I	I	I
◇ Electric drive system assembly surface (clean, no attached dirt)		I	I	I	I	I	I	I	I	I	I	I	I
◇ Electric drive system reducer lubricant		-	-	-	-	R	-	-	-	-	R	-	-
High Voltage Wiring System													
◇ High voltage wiring surface (damage, visual inspection)		I	I	I	I	I	I	I	I	I	I	I	I
High Voltage Battery System													
◇ High voltage battery assembly surface damage		I	I	I	I	I	I	I	I	I	I	I	I
◇ High voltage battery assembly mounting bolts (looseness, damage)		I	I	I	I	I	I	I	I	I	I	I	I

Maintenance and Care

Scheduled Maintenance

Maintenance Item	Number of months or kilometres (miles),whichever comes first.												
	Months	12	24	36	48	60	72	84	96	108	120	132	144
	×1,000 km	20	40	60	80	100	120	140	160	180	200	220	240
	×1000 miles	12.5	25	37.5	50	62.5	75	87.5	100	112.5	125	137.5	150
Chassis and Body													
◇ Brake fluid*1	I	R	I	R	I	R	I	R	I	R	I	R	
◇ Front: Brake discs and calliper pads	I	I	I	I	I	I	I	I	I	I	I	I	I
◇ Rear: Brake discs and calliper pads	I	I	I	I	I	I	I	I	I	I	I	I	I
◇ Brake hoses and pipes	I	I	I	I	I	I	I	I	I	I	I	I	I
◇ Tyres*2*3*4	I	I	I	I	I	I	I	I	I	I	I	I	I
◇ Wheels and wheel nuts	I	I	I	I	I	I	I	I	I	I	I	I	I
◇ Bolts and nuts	I	I	I	I	I	I	I	I	I	I	I	I	I
◇ Steering mechanism (clearance, tightness)	I	I	I	I	I	I	I	I	I	I	I	I	I
Body condition (for rust, corrosion and perforation)	Inspect annually.												
Electrical													
◇ Electrical wiring, connections and lights	-	I	-	I	-	I	-	I	-	I	-	I	
Air conditioning system													
◇ Refrigerant amount	-	I	-	I	-	I	-	I	-	I	-	I	
◇ Refrigeration system	-	I	-	I	-	I	-	I	-	I	-	I	
◇ Compressor	-	I	-	I	-	I	-	I	-	I	-	I	
◇ Cabin air filter*5	R	R	R	R	R	R	R	R	R	R	R	R	R
◇ Receiver drier	-	I	-	I	-	I	-	I	-	I	-	I	
◇ Refrigerant lines	-	I	-	I	-	I	-	I	-	I	-	I	
Cooling system													
◇ Coolant	-	-	R	-	-	R	-	-	R	-	-	-	R
◇ Hoses and connections	-	I	-	I	-	I	-	I	-	I	-	-	I

Chart symbols:

I: Inspect: Inspect and clean, repair, adjust, fill up, or replace if necessary

R: Replace

Maintenance and Care

Scheduled Maintenance

Remarks:

1. Replace the brake fluid every two years.
2. Inspect a spare tyre if equipped.
3. Check the tyre repair fluid expiration date every year when performing the periodic maintenance. Replace the tyre repair fluid bottle with new one before expiration date.
4. Tyre rotation is recommended every 10,000 km (6214 mile).
5. According to the severity of the pollution situation, replace the cabin air filter at every 20,000 km (12427 mile).

Maintenance and Care

Scheduled Maintenance

▼ Maintenance Schedule for Severe Driving Conditions

Component Name	Maintenance Type	Maintenance Interval	Driving Conditions
Drive shaft and dust cover	I	Every 10,000 km (6214 mile) or 6 months	B.C.D.E
Chassis bolts and nuts	I	Every 10,000 km (6214 mile) or 6 months	A.B.D.E
Brake discs and brake pads	I	Every 10,000 km (6214 mile) or 6 months	A.B.C.D.E
Tie rod ends, tie rod dust covers	I	Every 10,000 km (6214 mile) or 6 months	B.C.D
Parking brake	I	Every 10,000 km (6214 mile) or 6 months	A.B.C.D.E
Front suspension ball joints	I	Every 10,000 km (6214 mile) or 6 months	A.B.D.E

Chart symbols:

I: Inspect: Inspect and clean, repair, adjust, fill up, or replace if necessary.

Driving conditions:

A: Repeated short trips;

B: Driving on rough and muddy roads;

C: Driving on dusty roads;

D: Driving in extremely cold or on salted roads;

E: Repeated short trips in extremely cold weather such as snow conditions.

Maintenance and Care

Owner Maintenance

Owner Maintenance Precautions

▼ Owner Maintenance Precautions

Do not use a match or live flame in the motor compartment. **DO NOT ADD COOLANT WHEN THE EV SYSTEM IS HOT:**

A hot EV system is dangerous. If the EV system has been running, parts of the motor compartment can become very hot. You could be burned. Carefully inspect the EV system coolant in the coolant reservoir, but do not open it.

When performing any new vehicle inspection, adjustment, or maintenance work on your vehicle, please note the following to reduce the risk of personal injury or vehicle damage:

1. When using a jack, do not use the high-voltage battery as a support point, and never go under the vehicle. If work underneath the vehicle is necessary, use safety stands to support the vehicle;
2. Keep smoking materials, open flames, and sparks away from the battery, high-voltage battery, and high-voltage components;
3. When the vehicle is unlocked and powered on, never approach or dismantle the Lead-acid Battery or any electrical components;
4. When connecting Lead-acid Battery cables, pay special

attention to polarity. Never connect the positive cable to the negative terminal, or the negative cable to the positive terminal;

5. Be aware that the high-voltage battery and vehicle circuits carry high current or high voltage. Be careful not to cause a short circuit;
6. Keep used coolant and other fluids away from children and pets, and do not store them in any easily accessible place.

When inspecting, repairing, or maintaining a power vehicle, pay special attention to safety to prevent accidents. Please be particularly aware of the following situations:

WARNING

1. After the vehicle is powered on, do not touch high-voltage lines and high-voltage components with warning labels;
2. Non-professional maintenance personnel are strictly prohibited from disassembling high-voltage lines and high-voltage components with warning labels;
3. When servicing and maintaining the vehicle, ensure that the vehicle's power is off and disconnect the negative terminal of the Lead-acid Battery;
4. When the motor are running, keep hands, feet, clothing, tools, and other objects away;

Maintenance and Care

Owner Maintenance

5. Do not touch heat-dissipating components such as batteries, motors, exhaust pipes, coolant, etc., to avoid burns;
6. Be careful not to approach the positive and negative terminals of the high-voltage battery to avoid accidental short circuits;
7. When cleaning the surface of high-voltage components, use a dry cloth to clean foreign objects. Never wash directly with water. When washing and maintaining the vehicle, prevent water from entering the control units;
8. Do not install equipment that may cause radio interference on the vehicle to avoid interference;
9. Whether the vehicle is running or not, it is prohibited to dismantle high-voltage components, sensors, or other sensitive elements when the vehicle is unlocked and powered on.

▼ High-Voltage Battery Maintenance

This high-voltage battery, composed of multiple battery cells connected in series and parallel, should be able to store energy input from devices or motors, and provide energy to motors or other loads.

To help the battery management system accurately calibrate the state of charge and ensure the accurate subsequent power display, perform a complete "full charge and discharge" cycle after the vehicle is delivered: use

the battery power to less than 15%, then use the slow charging pile (AC charging) to fully charge it to 100% at one time and wait for the charging pile to automatically end charging. Avoid manually terminating charging early to allow the battery management system to complete self-calibration.

During frequent use, to keep the high-voltage battery in optimal condition, it is recommended to fully charge the vehicle at least once a week.

To ensure the performance and normal power supply of the high-voltage battery during vehicle transportation or storage, it is recommended that the vehicle's displayed charge level be at 40% or above before transportation or storage.

When it is clear that the vehicle will not be used for an extended period (over 3 months), ensure that the high-voltage battery pack is stored with a charge level above 40%. Do not leave the vehicle parked for more than 7 days with the high-voltage battery pack charge level below 20%. If the required time limit is exceeded, please use the vehicle's built-in charging equipment to charge the battery to above 40%.

▼ Monthly Inspection

Monthly inspections are not mandatory and the schedule may be adjusted according to the vehicle's condition. If you are unable to carry it out yourself, we recommend an

Maintenance and Care

Owner Maintenance

Authorised Mazda Repairer.

- Inspect for any coolant leaks;
- Check for leaks in pipes, hoses, and fluid reservoirs;
- Air conditioning condensate drain tube

Check if the air conditioning condensate tube is damaged or blocked (if blocked or damaged, condensate will flow onto the passenger floor).

- Parking brake operation

Check if the parking brake can engage and release properly.

- Horn operation

- Wheel nut tightness

Ensure nuts and bolts are tightened to the specified torque.

- Windscreen wipers

Check if the wiper arms and blades are in good condition.

- Steering

Check if the steering wheel is not too loose.

- Pedals

Check if the brake pedal travel is appropriate.

- High-voltage components

Check if the battery, electric drive, and high-voltage wiring harness are normal.

▼ Daily Inspection

Routine inspections are not mandatory and the schedule may be adjusted according to the vehicle's condition. If you are unable to carry it out yourself, we recommend an Authorised Mazda Repairer.

- Warning lights and indicators

Check if all instruments, controls, and warning lights are functioning normally.

- Mirrors

Ensure that the reflective surfaces of the mirrors are clean and can be adjusted normally.

- All doors, liftgate, and bonnet.

Check if all doors and the liftgate lid open and close smoothly and lock securely.

- Vehicle exterior

Check the vehicle's exterior for any paint chips or scratches. If found, repair immediately to prevent corrosion of the exposed metal.

- Lights

Check if all driving lights (headlights, taillights, position lights, daytime running light, turn signals, brake lights, and fog lights) are working properly.

- High-voltage components

Check if the battery, electric motor, and high-voltage wiring harness are normal.

Maintenance and Care

Owner Maintenance

Bonnet

▼ Bonnet

Opening the Bonnet

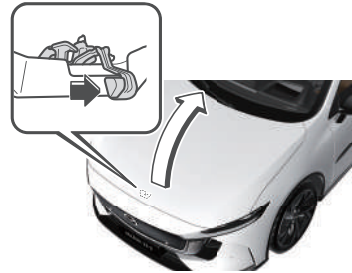
1. To open the Bonnet, pull the Bonnet release handle located on the lower left side of the dashboard. The Bonnet will be released and partially open.
(Left-Hand Drive Model)



(Right-Hand Drive Model)



2. Gently lift the Bonnet and move the release handle, located slightly to the right of centre at the front of the bonnet (indicated area), to the right until the bonnet can be raised. The support rod will automatically prop up the bonnet.

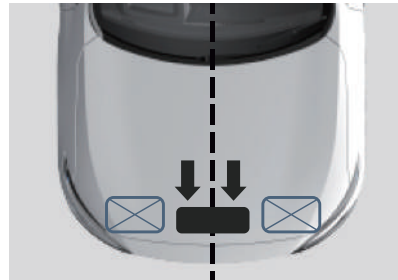


⚠ WARNING

Ensure the vehicle is in P position before opening the Bonnet.

Before opening the Bonnet, ensure that the windscreen wipers are positioned against the windscreen, otherwise the wipers or the bonnet may be damaged.

Closing the Bonnet



1. When closing the Bonnet, lower it and let it drop freely from a height of about 30 cm (1 ft).
2. Place both hands on the arrow-marked areas of the bonnet. Within approximately 15 cm (5.9 in) from the Centre line (do not press other areas), firmly press with your palm (do not use your

Maintenance and Care

Owner Maintenance

fingers) to ensure it is securely closed. Then, pull the front edge of the bonnet to confirm it is locked.

WARNING

Before driving, always ensure that the Bonnet is completely locked to prevent it from unexpectedly opening and obstructing your view, which could lead to an accident.

Do not pull the Bonnet release handle while the vehicle is in motion.

Coolant

▼ Coolant

WARNING

Do not use a match or live flame in the motor compartment. DO NOT ADD COOLANT WHEN THE EV SYSTEM IS HOT:

A hot EV system is dangerous. If the EV system has been running, parts of the motor compartment can become very hot. You could be burned. Carefully inspect the EV system coolant in the coolant reservoir, but do not open it.

Check if the coolant level in the reservoir of the vehicle's cooling system is maintained between the MIN (minimum) and MAX (maximum) lines. If the level is below the MIN line, add coolant up to the MAX line. When adding coolant, allow the vehicle to cool down to prevent splashing and potential burns from the antifreeze. Please consult an expert repairer (we recommend an Authorised Mazda Repairer).

NOTE

When adding coolant, please use genuine Mazda coolant with a freezing point of -40°C (do not mix with other coolants).

Do not use tap water, river water, well water, or mineral water or any hard water or water with impurities as

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coolant.

If coolant accidentally splashes into your eyes, immediately rinse with plenty of clean water. In severe cases, seek medical attention promptly.

▼ Inspecting Coolant Level

If the coolant level becomes too low, the vehicle's speed will be restricted and the temporary power limitation warning lamp  on the instrument cluster will illuminate. When this occurs, check the coolant level immediately. Should the level be below the specified minimum, arrange for the vehicle to be inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

Inspection procedure:

1. Pull the bonnet release lever located on the lower left side of the driver's area;
2. At the front of the vehicle, release the bonnet latch while simultaneously lifting the bonnet. The bonnet will be supported by gas-filled struts;
3. If an inspection hatch is present, remove it to perform the inspection. If there is no inspection hatch, remove the bay trim to perform the inspection.

Brake Fluid

▼ Brake Fluid

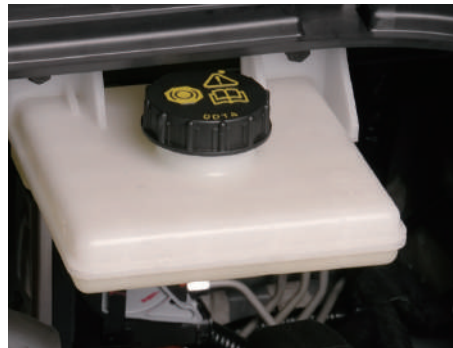


If the brake fluid level is low, have the brakes inspected:

A low brake fluid level is dangerous.

A low level could indicate brake lining wear or a brake system leak which could cause the brakes to fail and lead to an accident.

Brake wear can cause the brake fluid level to fall gradually. The brake fluid level must therefore be checked at the intervals specified in the maintenance schedule. Please consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.



▼ Checking Brake Fluid Level in the Reservoir

The fluid level will decrease as the mileage increases. This is a normal

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phenomenon related to the wear of brake friction linings. When the fluid level is too low, system performance may be affected. If the brake system fault indicator light on the instrument panel illuminates, the brake fluid level needs to be checked for being too low. If the fluid level is abnormally low, please consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.



NOTE

Before removing the reservoir cap and adding brake fluid, thoroughly clean the area around the reservoir to prevent contamination. After each brake fluid change, be sure to bleed air from the brake line system.

CAUTION

- Use only anhydrous, clean brake fluid. Contamination by dust, water, petroleum products, or other materials may cause damage to the brake system and lead to malfunctions.
- When replacing or adding brake fluid, use only the specified brake fluid. Do not mix different types of fluids, as this may reduce braking performance.

WARNING

Do not allow fluid to come into contact with skin or eyes. If this occurs accidentally, immediately rinse the affected area with plenty of clean water. In severe cases, seek medical attention as soon as possible.

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Window and Headlight Washer Fluid

▼ Window and Headlight Washer Fluid

Please regularly check the fluid level in the windscreen washer fluid reservoir and refill promptly. When the ambient temperature is below 0°C, use antifreeze washer fluid to prevent freezing.

Please use qualified washer fluid purchased through regular channels. Unqualified washer fluid may cause motor damage, clogged nozzles, and other malfunctions. If the washer system malfunctions, please consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.

NOTE

Do not add tap water, coolant, soapy water, or similar solutions to the washer fluid reservoir. Tap water and soapy water may cause pipe blockages, while coolant sprayed on the windscreen can impair visibility and lead to loss of vehicle control. Additionally, splashed coolant can damage paint and vehicle trim.



Keep sparks away from the washer fluid reservoir (washer fluid is flammable).

Do not add washer fluid when the motor is overheated or operating.

Do not touch or ingest washer fluid.

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Lubrication System

▼ Lubrication System

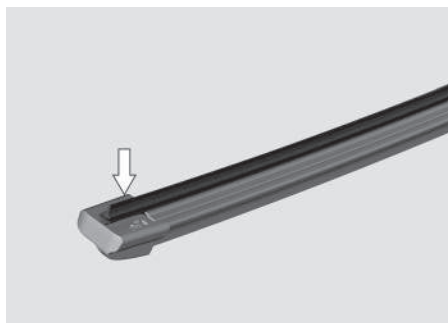
Every time the oil is changed, all moving parts of the vehicle body should be lubricated. For example: the hinges and locks of doors and the bonnet. In cold weather, use antifreeze lubricant on the locks.

Ensure that after releasing the main bonnet latch, the secondary latch can prevent the bonnet from opening.

Wiper Blades

▼ Checking Wiper Blades

Run your fingertip along the rubber edge of the wiper blade to check for roughness.



If the wiper blades are not cleaning properly, use a soft sponge dampened with water to clean the rubber strip of the wiper blades. First, use a specialized cleaner to wash the windscreen and wiper blades, then rinse with clean water. If the windscreen still cannot be adequately cleaned after washing the wiper blades and glass, replace the wiper blades immediately.

NOTE

When there is visible foreign matter on the windscreen or wiper blades, it must be cleaned off before using the wipers to avoid damaging the rubber strip of the wiper blades.

In winter, before activating the wipers, completely clear any ice and snow from the windscreen and wipers.

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Never use gasoline, petroleum, paint thinner, or other similar solvents to clean the wiper blades.

To avoid damaging the wiper arms or other components, do not manually bend or twist the wiper arms and blades.

▼ Replacing Wiper Blades

If your wipers are leaving streaks or not cleaning effectively, the blades may be worn or cracked and should be replaced.

CAUTION

- To prevent damaging a windscreen wiper blade, wiper arm, or the bonnet, perform the following procedure.
 - Always set the wipers to the service position before lifting them from the windscreen.
 - When returning the wiper blades to the windscreen, ensure they are in the maintenance position. After placing them back, manually deactivate the wiper maintenance mode, and then operate the windscreen wipers as usual.
- Use only Mazda Genuine wiper blades for replacement. Non-genuine parts may not provide the same cleaning performance and reliability.

- Never force the wiper arms by hand, as this may damage the wiper mechanism.
- Avoid bending the rubber blade during replacement, as this can deform the internal metal support and reduce wiping effectiveness.
- Do not hold a wiper blade by its end when raising the wiper arm. Otherwise, the part may deform and the wiping performance may lower.
- Forcefully lowering the wiper arms could damage the wiper arm and blade, and may scratch or crack the windscreen.

NOTE

Wiper blades can be replaced by owners, but wiper arm replacement must be performed by a professional.

If you want to replace the wiper arms, consult an expert repairer (we recommend an Authorised Mazda Repairer).

Replace the wiper blades using the following procedure.

1. Shift to Park and turn off the wipers.
2. On the centre display, tap "Vehicle Centre → Safety → Wiper Service Mode", the wipers will automatically move to the maintenance position.

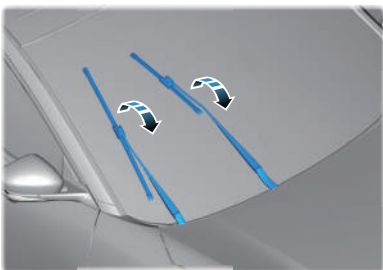
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(Left-Hand Drive Model)



(Right-Hand Drive Model)

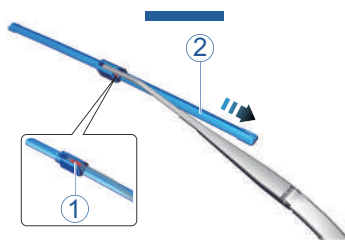


CAUTION

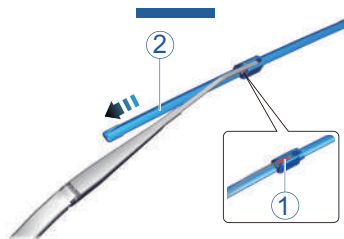
- The wiper service mode will exit under any of the following conditions.
- Be aware that unintended exit may result in damage to the vehicle, and proceed with caution.
- Be careful not to pinch hands or fingers as it may cause injury, or damage the wipers.
- Depending on the vehicle software version, some conditions may not be applicable:
 - The vehicle is unlocked.
 - The vehicle is in the READY state.
 - Gear selector is not in P position.
- The wiper service mode is turned off using the soft switch on the centre display.
- Any of the following wiper operation is manually selected: Low speed, high speed, intermittent wipe, or windshield washer wipe.

3. Lift the wiper arm, press the front wiper blade locking clip ①, and simultaneously pull out the front wiper blade ② in the direction of the arrow, and remove the blade assembly from the wiper arm.

(Left-Hand Drive Model)



(Right-Hand Drive Model)



4. Install in the reverse order of removal.
5. Slowly place the wiper arm onto the windshield.
6. Exit the wiper service mode, and the wiper blades will automatically return to their original position.

▼ Wiper Maintenance Tips

Due to prolonged disuse, wiper blades may become deformed from pressure. It is normal to experience shaking, unusual noises, or ineffective wiping during the first few operating cycles. These issues typically disappear after continuous use. If the vehicle has been parked for an extended period, it is recommended to lift the wiper arms once before driving to restore the wiper blades to their original position (wiper blades should be nearly perpendicular to the glass). This can reduce the likelihood of rubber strip deformation.

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Air Conditioning Filter

▼ Air Conditioning Filter

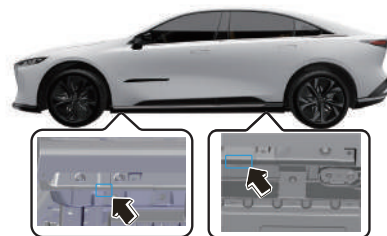
The replacement interval is annually or every 20,000 km (12427 mile) (please consult an expert repairer (we recommend an Authorised Mazda Repairer) for replacement to reduce the likelihood of air conditioning odours).

Jacking and Lifting

▼ Jacking and Lifting

Follow these steps to lift the vehicle.

1. Position the vehicle in the centre of the lift.
2. Place the lift arm pad beneath the designated body lifting area. The front lifting area is beneath the body metal threshold protrusion (as shown in the figure below), and the rear lifting area is in front of the body metal threshold indentation near the power battery fixing point (as shown in the figure below). Do not place the lift arm contact pad beneath the battery.



3. Adjust the height and position of the lift arm pads to ensure correct placement.
4. Raise the lift to the desired height, ensuring that the lift arm pads remain in the proper position.
5. Engage all lift safety locks according to the lift manufacturer's instructions.

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CAUTION

Do not lift the vehicle when the charging cable is connected, even if it is not charging.

WARNING

Never work on a vehicle that is not properly supported. Doing so may result in severe damage, personal injury, or death.

CAUTION

Never lift from under the battery. Only place the lift arm pads under the designated body lifting points. The locations shown are the only approved lifting points for this vehicle.

Lifting at any other point may cause damage.

Damage caused by improper lifting is not covered by the warranty.

Lead-acid Battery

▼ Lead-acid Battery

WARNING



Before using or inspecting the Lead-acid Battery, carefully read the following precautions to ensure safe and correct operation:



Always wear eye protection when working near the Lead-acid Battery:

Working without eye protection is dangerous. The Lead-acid Battery acid contains sulphuric acid, which can cause blindness if splashed into your eyes. Additionally, hydrogen gas produced during normal battery operation can ignite and cause the battery to explode.



Wear eye protection and protective gloves to avoid contact with battery acid:

Spilled lead-acid battery fluid is dangerous.

The Lead-acid Battery acid contains sulphuric acid, which can cause serious injuries if it comes into contact with your eyes, skin, or clothing. If

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this occurs, immediately flush your eyes with water for 15 minutes or thoroughly wash your skin, then seek medical attention.



Always keep Lead-acid Battery out of reach of children:

Allowing children to play near Lead-acid Battery is dangerous.

Battery acid can cause severe injuries if it splashes into eyes or onto skin.



When working near the Lead-acid Battery, ensure there are no flames or sparks nearby, and do not touch the positive (+) or negative (-) terminals with metal tools. Do not allow the positive (+) terminal to contact the vehicle body:

Flames and sparks near the Lead-acid Battery are dangerous. Hydrogen gas, produced during normal battery operation, can ignite and cause the battery to explode. An exploding battery can cause severe burns and injuries. Keep all flames, including cigarettes and sparks, away from the Lead-acid Battery.



Keep all flames and sparks away from the Lead-acid Battery, as hydrogen gas is produced when charging the battery or adding battery fluid:

Flames and sparks near the Lead-acid Battery are dangerous. Hydrogen gas, produced during normal battery operation, can ignite and cause the battery to explode. An exploding battery can cause severe burns and injuries. Keep all flames, including cigarettes and sparks, away from the Lead-acid Battery.

▼ Self-Discharge of Lead-acid Battery

The Lead-acid Battery self-discharges, meaning that even when disconnected and stored, its charge will significantly deplete over a period exceeding two months. The self-discharge of the Lead-acid Battery is influenced by factors such as temperature and storage conditions.

- Higher temperatures result in a higher self-discharge rate.
- Storage areas with high humidity and dust will accelerate the self-discharge of the Lead-acid Battery.

▼ Methods to Reduce Lead-acid Battery Self-Discharge

- Ensure the positive and negative terminals of the Lead-acid Battery are securely connected.
- Keep the surface of the Lead-acid

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Battery clean.

- If not using the vehicle for an extended period, remove the Lead-acid Battery and store it in a moderate temperature and dry environment.
- When the high-voltage system is not activated, avoid using the vehicle's electrical accessories for prolonged periods.

▼ Power Loss of Lead-acid Battery

The main causes of power loss in the Lead-acid Battery are:

- Power consumption by continuous electrical devices, such as anti-theft alarm systems.
- Electrical leakage due to poor insulation performance of vehicle components.
- Power loss caused by static current and leakage current in the circuit when the negative terminal is not disconnected.
- Using electrical accessories in the vehicle when the high-voltage system is not activated.

▼ Lead-acid Battery Charge Check

Using headlights as a load and a voltmeter for checking:

Connect the voltmeter to the Lead-acid Battery and read the voltage. Then turn on the headlights. If the battery voltage remains above 11.5 volts and doesn't drop rapidly, you can start the vehicle after idle charging. If

the battery voltage drops rapidly after turning on the headlights, the battery needs to be charged.

▼ Battery Replacement

Contact an expert repairer (we recommend an Authorised Mazda Repairer) for lead-acid battery replacement.

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Key Battery Replacement

▼ Key Battery Replacement

If the switches on the transmitter do not operate, the battery may be dead.

Replace the transmitter with a new battery before it can no longer be used.

Do not attempt to replace the key battery by yourself. Improper battery replacement may damage the key. It is recommended to have the battery replaced at a professional service facility (Mazda authorized service station is preferred).

Tyre

▼ Tyre Repair Kit

The tyre repair kit is designed solely for repairing tyre punctures of up to 6 mm (0.2 in) in the tread area. For all other situations, please contact roadside assistance.

Refer to the operating instructions included with the tyre repair kit for detailed usage information.

NOTE

- Avoid sudden acceleration and abrupt turns after completing the tyre repair with the sealant.
- The tyre sealant is a provisional repair measure for damaged tyres. Have the tyre replaced at a professional repair centre as soon as possible, and advise the technician that the tyre contains sealant. (We recommend an Authorised Mazda Repairer.)
- After using the sealant, consult an expert repairer (we recommend an Authorised Mazda Repairer) to obtain a replacement bottle of sealant.
- When the sealant is approaching its expiry date, replace it with a new bottle. The date of manufacture and the expiry date are displayed on the sealant bottle.

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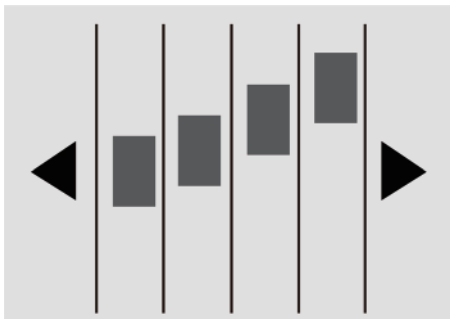
⚠ CAUTION

- Avoid contact with skin, eyes, or clothing.
- In the event of sealant contact with skin, rinse thoroughly with water immediately.
- If an allergic reaction develops, seek medical attention immediately.
- If the sealant is ingested, rinse your mouth thoroughly with water and drink plenty of water. Do not induce vomiting; seek medical attention immediately.

▼ Tyre Maintenance

Avoid driving over large obstacles such as potholes and kerbs. Do not scuff the tyre sidewalls, and regularly inspect the tyres for damage, foreign objects, or uneven wear. Irregular tread wear may indicate improper wheel alignment.

Routinely remove any foreign objects lodged in the tyre treads. Inspect the tyre wear indicators at least once a month, and replace the tyres once the tread has worn down to the indicator level.



If you notice any uneven wear or damage, such as cuts or bulges in the tread or sidewall, replace the tyre immediately.

Check the tyre pressure at least once a month to achieve the best mileage. The pressure difference between the tyres on the left and right sides should not exceed 5 kpa (0.05 kgf/cm, 0.05 bar, 0.725psi).

Promptly check the tyre pressure after any significant changes in environmental conditions.

Any tyre that has been in use for over six years must be replaced, regardless of visible damage.

⚠ WARNING

Do not use excessively worn tyres; doing so is extremely dangerous, as tyre wear reduces braking performance, steering response, and traction.

Use only tyres and wheels of the same size and type as the original equipment. Failure to do so may

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compromise vehicle safety and performance, increasing the risk of accidents and injury.

▼ Tyre Pressure Checking Procedure

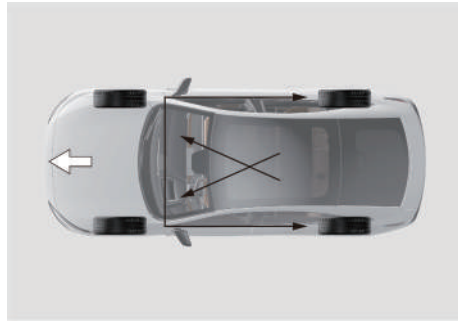
1. Remove the valve cap from the tyre valve stem.
2. Measure the tyre pressure with a tyre pressure gauge. If the tyre pressure when cold does not meet the recommended pressure, adjust it accordingly.
3. Check the tyre pressure, and if overinflated, press the valve core inside the tyre valve to release air.
4. After ensuring the pressure is correct, reinstall the valve cap onto the valve stem to prevent dust and moisture from entering and causing tyre leakage.

WARNING

When towing a trailer, the tyre pressure must be adjusted to accommodate the additional load.

▼ Tyre Rotation

For consistent tread wear and extended tyre life, it is recommended to rotate the tyres every 10,000 km (6214 mile) following the first scheduled service. Adhere to the rotation pattern depicted in the accompanying illustration. If any uneven wear is observed, rotate the tyres sooner.



After rotating the tyres, confirm that both front and rear tyre pressures and wheel nut torques conform to the specified values. Recalibrate the tyre pressure sensors afterwards to maintain proper function of the Tyre Pressure Monitoring System (TPMS). Please consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.

▼ Tyre Replacement

The original tyres on this vehicle were chosen to maximise overall performance, delivering an optimal balance of handling, ride comfort, and durability. For more details, contact professional service personnel (we recommend an Authorised Mazda Repairer).

If you replace the tyres with radial tyres of different sizes, load capacities, speed ratings, or maximum cold tyre pressures, or if you mix radial tyres with bias-ply tyres, this may compromise braking performance, traction, and steering precision. It is recommended to replace all four tyres

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simultaneously. If that is not feasible or required, replace the two front or two rear tyres as a matched pair.

Replacing only one tyre significantly impacts the vehicle's handling.

The ABS (Anti-lock Brake System) relies on comparing wheel speeds. Therefore, when fitting replacement tyres, you must select tyres that match the original size and construction, as these factors can influence wheel speed and may lead to system fault.

CAUTION

- Fitting unsuitable tyres can compromise the vehicle's manoeuvrability and stability, potentially resulting in accidents.

▼ Winter Tyre

It is recommended to use winter tyres on icy and snowy roads. Installing winter tyres can significantly improve vehicle handling stability on such surfaces. It is advisable to switch to winter tyres when the ambient temperature drops below 7°C. When using winter tyres, ensure they have the same model, structure, and load capacity as the original tyres. The permitted speed and tyre pressure must meet the requirements of the winter tyre dealer; otherwise, it may affect vehicle safety and handling performance, posing a risk of accidents and injury.

When the ambient temperature

rises above 7°C, promptly switch to summer tyres or all-season tyres.

▼ Wheel Replacement

If a wheel is bent, cracked, or severely corroded, the tyre may separate from the vehicle. Replace the wheel promptly.

▼ Aluminium Wheel Precautions

- Be sure to use the lug nuts specifically designed for these wheels.
- After installing or replacing the wheels, check and confirm that the lug nuts remain tight after driving 1,600 km (994 mile).

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Light Bulbs

▼ Light Bulbs

Front



1. Side direction indicator light
2. Daytime running light/Front position light/Front turn signals
3. Headlight (High beam/Low beam)

Rear



1. High-mounted brake light
2. Brake light/Rear position light
3. Rear turn signal light
4. Reversing light
5. Rear position light
6. License plate light
7. Rear fog light

8. Reflector

▼ Replacing Light Bulbs

All the light bulbs are the LED type. The LED bulb cannot be replaced as a single unit because it is an integrated unit.

The LED bulb has to be replaced with the unit. If a replacement is necessary, consult an expert repairer, we recommend an Authorised Mazda Repairer.

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Fuse Block

▼ Fuses

Fuse distribution diagram is shown on the fuse block upper cover.

Your vehicle's electrical system is protected by fuses.

If any lights, accessories, or controls do not work, inspect the appropriate circuit protector. If a fuse has blown, the inside element will be melted.

If the same fuse blows again, avoid using that system and consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.

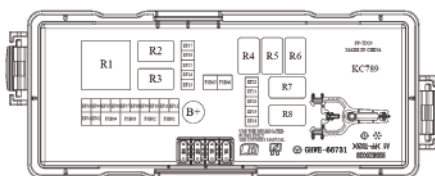
▼ Fuse Block in the Motor Compartment

Located on the driver's side, under the bonnet.

(Left-Hand Drive Model)



(Right-Hand Drive Model)

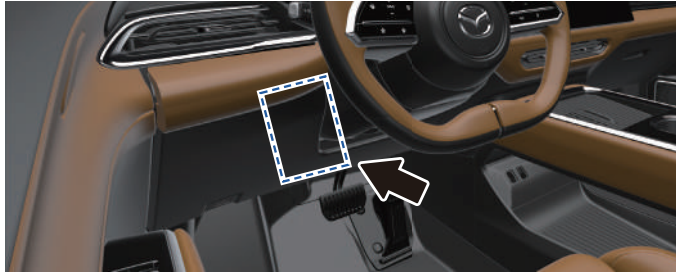


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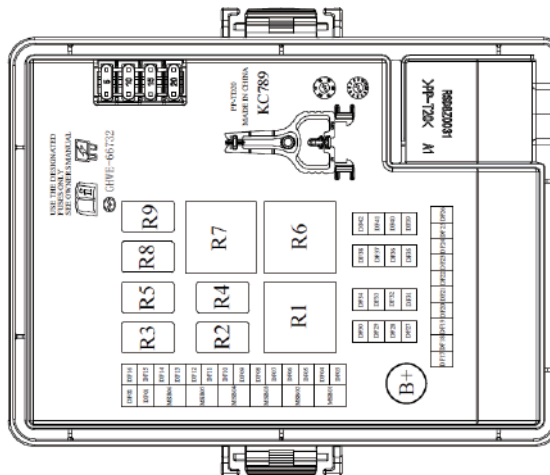
Owner Maintenance

▼ Fuse Block in the Cabin

Located on the driver's side, under the dashboard crossmember.
(Left-Hand Drive Model)



(Right-Hand Drive Model)

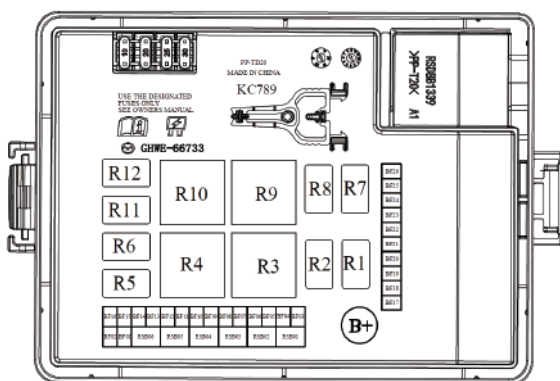
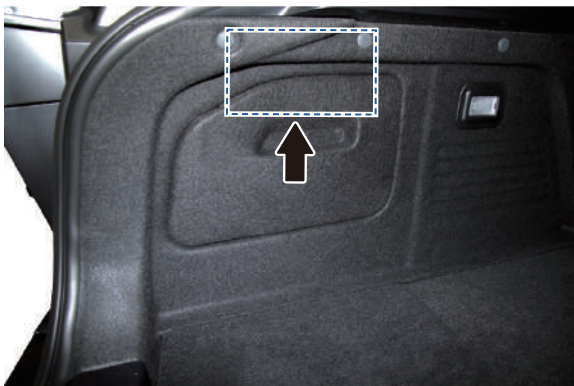


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▼ Fuse Block in the Luggage Compartment

Located in the Luggage compartment, above the battery.



⚠ CAUTION

Do not modify the vehicle's electrical system in any way. Electrical system repairs or replacements and high-current fuse inspections and repairs must be performed by an expert repairer (we recommend an Authorised Mazda Repairer).

Before replacing a fuse, the entire vehicle must be powered down and all electrical equipment turned off.

The replacement fuse should be of the same specification as the original fuse, otherwise damage to the electrical system may occur.

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If a newly replaced fuse blows immediately, turn off all electrical devices and consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.

▼ Fuse Replacement

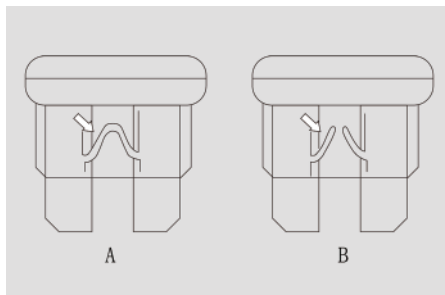
1. Open the fuse block upper cover.
2. The fuse puller is located inside the fuse block. Remove the corresponding fuse according to the fuse distribution diagram.
3. Determine if the fuse has blown by inspecting its integrity.
4. Determine the reason for blown fuse and perform troubleshooting.
5. Insert a new fuse of the same amperage rating, and ensure it fits tightly. If it does not fit tightly, have an expert install it. Consult an expert repairer (we recommend an Authorised Mazda Repairer). If you have no spare fuses, borrow one of the same rating from a circuit not essential to vehicle operation, such as the audio or accessory socket circuit.

WARNING

Do not replace the main fuse by yourself. Have an expert repairer (we recommend an Authorised Mazda Repairer) perform the replacement:

Replacing the fuse by yourself is dangerous because the MAIN fuse is a high current fuse. Incorrect replacement could cause an electrical shock or a short circuit resulting in a fire.

6. Reinstall the cover and ensure that it is securely installed.



A: Normal fuse

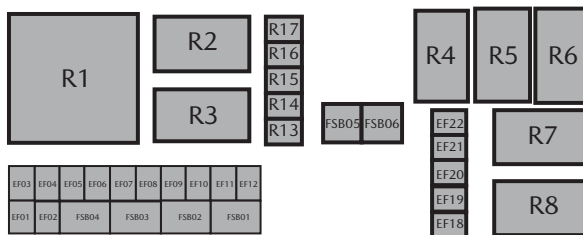
B: Blown fuse

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▼ Fuse Panel Description

Fuse Block in the Motor Compartment



(Left-Hand Drive Model)

No.	FUSE RATING	PROTECTED COMPONENT
FSB01	60A	Brake Control Unit
FSB02	-	-
FSB03	40A	Heat Pump
FSB04	-	-
FSB05	70A	Brushless Fan
FSB06	60A	Integrated Brake Module 2
EF01	-	-
EF02	-	-
EF03	-	-
EF04	-	-
EF05	-	-
EF06	-	-
EF07	10A	Battery Pack
EF08	-	-
EF09	-	-
EF10	15A	Horn Relay Power
EF11	25A	Wiper Relay Power
EF12	-	-
EF13	-	-

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No.	FUSE RATING	PROTECTED COMPONENT
EF14	-	-
EF15	-	-
EF16	-	-
EF17	-	-
EF18	-	-
EF19	-	-
EF20	-	-
EF21	-	-
EF22	-	-
R1	-	-
R2	-	-
R3	30A	Front Washer Motor Relay
R4	-	-
R5	30A	Horn Relay
R6	-	-
R7	30A	Wiper High Speed Relay
R8	30A	Wiper Power Relay

(Right-Hand Drive Model)

No.	FUSE RATING	PROTECTED COMPONENT
FSB01	60A	Integrated Brake Control Module 1
FSB02	-	-
FSB03	40A	Heat Pump
FSB04	-	-
FSB05	70A	Brushless Fan
FSB06	60A	Integrated Brake Module 2
EF01	-	-
EF02	-	-
EF03	-	-
EF04	-	-

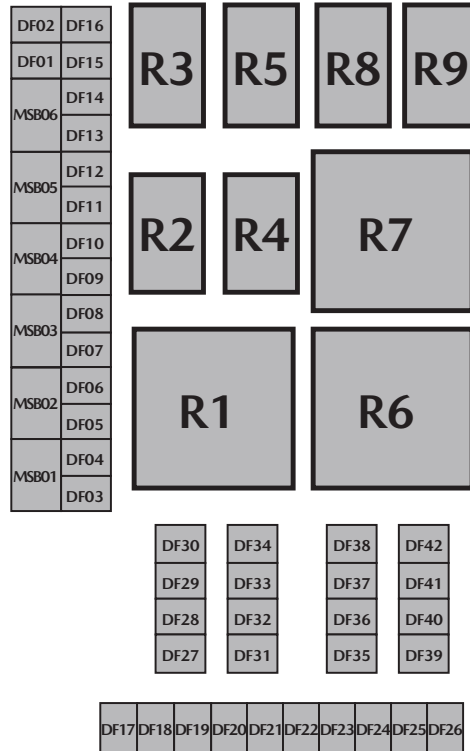
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No.	FUSE RATING	PROTECTED COMPONENT
EF05	-	-
EF06	-	-
EF07	10A	Battery Pack
EF08	-	-
EF09	-	-
EF10	15A	Horn Relay Power
EF11	25A	Wiper Relay Power
EF12	-	-
EF13	-	-
EF14	-	-
EF15	-	-
EF16	-	-
EF17	-	-
EF18	-	-
EF19	-	-
EF20	-	-
EF21	-	-
EF22	-	-
R1	-	-
R2	-	-
R3	30A	Front Washer Motor Relay
R4	-	-
R5	30A	Horn Relay
R6	-	-
R7	30A	Wiper High Speed Relay
R8	30A	Wiper Power Relay

Maintenance and Care Owner Maintenance

Fuse Block in the Cabin



No.	FUSE RATING	PROTECTED COMPONENT
MSB01	30A	EPB Controller 1
MSB02	30A	EPB Controller 2
MSB03	40A	Blower
MSB04	40A	ON/ACC Position Relay Power
MSB05	30A	Seat Controller
MSB06	-	-
DF01	10A	Alcohol Interlock
DF02	-	-
DF03	15A	PCU Relay Power

Maintenance and Care

Owner Maintenance

No.	FUSE RATING	PROTECTED COMPONENT
DF04	-	-
DF05	10A	PCU
DF06	-	-
DF07	10A	Radar Sensors
DF08	10A	PM2.5/Ion Generator
DF09	10A	Bluetooth® Controller/HUD
DF10	10A	Rain Sensor Ambient Light/Life Detection Radar
DF11	20A	Smart Cabin Domain Controller
DF12	10A	Instrument Cluster/Centre Display
DF13	10A	OBD Diagnostic Port
DF14	15A	Sunshade
DF15	10A	T-BOX
DF16	-	-
DF17	15A	Power Outlet
DF18	5A	Rear USB
DF19	10A	Wireless Charging
DF20	10A	CDC/BDC_ACC Feedback
DF21	-	-
DF22	-	-
DF23	-	-
DF24	-	-
DF25	-	-
DF26	-	-
DF27	10A	Ambient Light
DF28	10A	Driver's Seat Ventilation
DF29	10A	IG Feedback / Main Window Switch
DF30	10A	PCU
DF31	-	-
DF32	10A	Washer Relay Power

Maintenance and Care

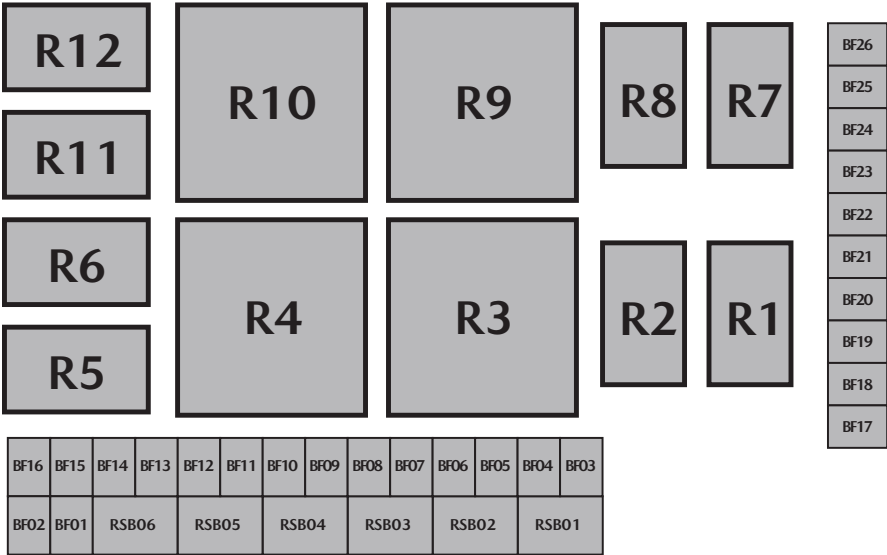
Owner Maintenance

No.	FUSE RATING	PROTECTED COMPONENT
DF33	5A	Central Control Panel III
DF34	10A	mADC/Amplifier
DF35	10A	Alcohol Interlock
DF36	5A	SRS
DF37	10A	EPB/EPS/IBCU
DF38	10A	CDC/Interior Rear-view Mirror/PM2.5/T-BOX
DF39	-	-
DF40	-	-
DF41	-	-
DF42	-	-
R1	-	-
R2	30A	ACC Position Relay
R3	30A	PCU Relay
R4	30A	IG Relay
R5	-	-
R6	40A	Blower Relay
R7	-	-
R8	-	-
R9	-	-

Maintenance and Care

Owner Maintenance

Fuse Block in the Luggage Compartment



(Left-Hand Drive Model)

No.	FUSE RATING	PROTECTED COMPONENT
RSB01	30A	Rear Defroster 1
RSB02	30A	Rear Defroster 2
RSB03	30A	Liftgate Controller
RSB04	30A	BDC Power 3 (Window Left)
RSB05	30A	BDC Power 4 (Window Right)
RSB06	30A	Electric Tow Hook
BF01	10A	RF/Corner Radar
BF02	5A	Battery Sensor
BF03	30A	External Amplifier 1
BF04	-	-
BF05	10A	EVCC
BF06	20A	Electronic Oil Pump

Maintenance and Care

Owner Maintenance

No.	FUSE RATING	PROTECTED COMPONENT
BF07	10A	EDS2-1
BF08	10A	EDS2-2
BF09	10A	Liftgate Controller
BF10	20A	BDC Power 1
BF11	20A	BDC Power 2
BF12	25A	BDC Power 5
BF13	15A	BDC Power 6
BF14	20A	BDC Power 7
BF15	25A	BDC Power 8
BF16	10A	BDC Power 9
BF17	10A	Rear-view Mirror Heating
BF18	-	-
BF19	-	-
BF20	-	-
BF21	-	-
BF22	-	-
BF23	-	-
BF24	-	-
BF25	-	-
BF26	-	-
R1	-	-
R2	-	-
R3	-	-
R4	-	-
R5	30A	Rear Defroster Relay 1
R6	30A	Rear Defroster Relay 2
R7	-	-
R8	-	-

Maintenance and Care

Owner Maintenance

No.	FUSE RATING	PROTECTED COMPONENT
R9	-	-
R10	-	-
R11	-	-
R12	-	-

(Right-Hand Drive Model)

No.	FUSE RATING	PROTECTED COMPONENT
RSB01	30A	Rear Defroster 1
RSB02	30A	Rear Defroster 2
RSB03	30A	Liftgate Controller
RSB04	30A	BDC Power 3 (Window Left)
RSB05	30A	BDC Power 4 (Window Right)
RSB06	30A	Electric Tow Hook
BF01	10A	RF/Corner Radar
BF02	5A	Battery Sensor
BF03	30A	External Amplifier 1
BF04	-	-
BF05	10A	EVCC
BF06	20A	Electronic Oil Pump
BF07	10A	EDS2-1
BF08	10A	EDS2-2
BF09	10A	Liftgate Controller
BF10	20A	BDC Power 1
BF11	20A	BDC Power 2
BF12	25A	BDC Power 5
BF13	15A	BDC Power 6
BF14	20A	BDC Power 7
BF15	25A	BDC Power 8

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Owner Maintenance

No.	FUSE RATING	PROTECTED COMPONENT
BF16	10A	BDC Power 9
BF17	10A	Rear-view Mirror Heating
BF18	-	-
BF19	-	-
BF20	-	-
BF21	-	-
BF22	-	-
BF23	-	-
BF24	-	-
BF25	-	-
BF26	-	-
R1	-	-
R2	-	-
R3	-	-
R4	-	-
R5	30A	Rear Defroster Relay 1
R6	30A	Rear Defroster Relay 2
R7	-	-
R8	-	-
R9	-	-
R10	-	-
R11	-	-
R12	-	-

Maintenance and Care

Appearance Care

Exterior Care

▼ Exterior Care

The paintwork on your Mazda represents the latest technical developments in composition and methods of application.

Environmental hazards, however, can harm the paint's protective properties, if proper care is not taken.

Here are some examples of possible damage, with tips on how to prevent them.

Etching Caused by Acid Rain or Industrial Fallout

Occurrence

Industrial pollutants and vehicle emissions drift into the air and mix with rain or dew to form acids. These acids can settle on a vehicle's finish. As the water evaporates, the acid becomes concentrated and can damage the finish.

And the longer the acid remains on the surface, the greater the chance is for damage.

Prevention

It is necessary to wash and wax your vehicle to preserve its finish according to the instructions in this section.

These steps should be taken immediately after you suspect that acid rain has settled on your vehicle's finish.

Damage Caused by Bird Dropping, Insects, or Tree Sap

Occurrence

Bird droppings contain acids. If these are not removed they can eat away the clear and colour base coat of the vehicle's paintwork.

When insects stick to the paint surface and decompose, corrosive compounds form. These can erode the clear and colour base coat of the vehicle's paintwork if they are not removed.

Tree sap will harden and adhere permanently to the paint finish. If you scrape off the sap after it has hardened, some vehicle paint could come off with it.

Prevention

It is necessary to wash and wax your Mazda vehicle to preserve its finish according to the instructions in this section. This should be done as soon as possible.

Bird droppings can be removed with a soft sponge and water. If you are traveling and these are not available, a moistened tissue may also take care of the problem. The cleaned area should be waxed according to the instructions in this section.

Insects and tree sap are best removed with a soft sponge and water or a commercially available chemical cleaner.

Another method is to cover the affected area with dampened

Maintenance and Care Appearance Care

newspaper for 1 to 2 hours. After removing the newspaper, rinse off the loosened debris with water.

Water Marks

Occurrence

Rain, fog, dew, and even tap water can contain harmful minerals such as salt and lime. If moisture containing these minerals settles on the vehicle and evaporates, the minerals will concentrate and harden to form white rings. The rings can damage your vehicle's finish.

Prevention

It is necessary to wash and wax your vehicle to preserve its finish according to the instructions in this section.

These steps should be taken immediately after you find water marks on your vehicle's finish.

Paint Chipping

Occurrence

Paint chipping occurs when gravel thrown in the air by another vehicle's tyres hits your vehicle.

How to avoid paint chipping

Keeping a safe distance between you and the vehicle ahead reduces the chances of having your paint chipped by flying gravel.

NOTE

- The paint chipping zone varies with the speed of the vehicle. For example, when traveling at 90 km/h (56 mph), the paint chipping zone is 50 m (164 ft).
- In low temperatures, a vehicle's finish hardens. This increases the chance of paint chipping.
- Chipped paint can lead to rust forming on your Mazda. Before this happens, repair the damage by using Mazda touch-up paint according to the instructions in this section. Failure to repair the affected area could lead to serious rusting and expensive repairs.

Follow all label and container directions when using a chemical cleaner or polish. Read all warnings and cautions.

▼ Paint Maintenance

Washing



- Before lifting the windscreen wiper blades off the windscreen, always follow the procedure for moving the windscreen wiper blades. Otherwise, a wiper blade, wiper arm, or the bonnet could be damaged.

For steps on how to move the windscreen wiper blades to the service position, refer to the

Maintenance and Care

Appearance Care

"Replacing Windscreen Wiper Blades" section.

- When the vehicle is powered on and the wiper control lever is in the AUTO position, the windscreen wipers may operate automatically in the following situations:

- If the windscreen area above the rain sensor is touched or wiped with a cloth.
- If the windscreen or rain sensor area inside the vehicle is struck.

- When the vehicle is in the ON position and the wiper control lever is in the AUTO position, do not touch the windscreen or windscreen wipers. Otherwise, the windscreen wipers will operate automatically, which could result in fingers being pinched or the windscreen wipers being damaged.

When de-icing, de-snowing, or cleaning the windscreen, always ensure that the wiper control lever is in the OFF position.

- Do not spray water directly into motor compartment. Otherwise, it could damage electrical components.
- When washing and waxing the vehicle, be careful not to apply excessive force to any single area of the vehicle roof. Doing so could dent the vehicle.

- Make sure that the charge lid is closed and the doors are locked. Otherwise, the charge lid may be forcefully opened by water pressure, causing damage to the vehicle or the charge lid.

To protect the finish from rust and deterioration, wash your Mazda thoroughly and frequently, at least once a month, with lukewarm or cold water.

If the vehicle is washed improperly, the paint surface could be scratched. Here are some examples of how scratching of the paint surface may occur.

Scratches occur on the paint surface when:

- The vehicle is washed without first rinsing off dirt and other foreign matter.
- The vehicle is washed with a rough, dry, or dirty cloth.
- The vehicle is washed at a car wash that uses brushes that are dirty or too stiff.
- Cleansers or wax containing abrasives are used.

NOTE

- Mazda is not responsible for scratches caused by automatic car washes or improper washing.
- Scratches are more noticeable on vehicles with darker paint finishes.

To minimize scratches on the vehicle's

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paint finish:

- Rinse off any dirt or other foreign matter using lukewarm or cold water before washing.
- Use plenty of lukewarm or cold water and a soft cloth when washing the vehicle. Do not use a nylon cloth.
- Rub gently when washing or drying the vehicle.
- Take your vehicle only to a car wash that keeps its brushes well maintained.
- Do not use abrasive cleansers or wax that contain abrasives.

CAUTION

- Do not use steel wool, abrasive cleaners, or strong detergents containing highly alkaline or caustic agents on chrome-plated or anodized aluminum parts. This may damage the protective coating; also, cleaners may discolour or deteriorate the paint.

Pay special attention to removing salt, dirt, mud, and other foreign material from the underside of the fenders, and ensure the drain holes in the lower edges of the doors are clean.

Insects, tar, tree sap, bird droppings, industrial fallout, and similar deposits can damage the finish if not removed immediately. When prompt washing with plain water is ineffective, use a mild soap made for use on vehicles.

Thoroughly rinse off all soap with lukewarm or cold water. Do not allow soap to dry on the finish.

After washing the vehicle, dry it with a clean chamois to prevent water spots from forming.

WARNING

Dry off brakes that have become wet by driving slowly, releasing the accelerator pedal and lightly applying the brakes several times until the brake performance returns to normal

Driving with wet brakes is dangerous. Increased stopping distance or the vehicle pulling to one side when braking could result in a serious accident. Light braking will indicate whether the brakes have been affected.

When using an automatic car wash

- Retract the door mirrors.
- The automatic car wash brushes could reduce the paint lustre or hasten paint deterioration.

When using a high-pressure car wash

High water temperature and high water pressure car washers are available depending on the type of car wash machine. If the car washer nozzle is put too close to the vehicle, the force of the spray could damage or deform the moulding, affect the sealability of parts, and allow water to penetrate the interior. Keep a sufficient space (30 cm (1 ft) or more) between

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the nozzle and the vehicle. In addition, do not spend too much time spraying the same area of the vehicle, and be very careful when spraying between gaps in doors and around windows.

Waxing

Your vehicle needs to be waxed when water no longer beads on the finish. Always wash and dry the vehicle before waxing it. In addition to the vehicle body, wax the metal trim to maintain its lustre.

1. Use wax which contains no abrasives.
Waxes containing abrasive will remove paint and could damage bright metal parts.
2. Use a good grade of natural wax for metallic, mica, and solid colors.
3. When waxing, coat evenly with the sponge supplied or a soft cloth.
4. Wipe off the wax with a soft cloth.

NOTE

A spot remover to remove oil, tar, and similar materials will usually also take off the wax. Rewax these areas even if the rest of the vehicle does not need it.

▼ Repairing Paint Damage

Before rust begins to form, use Mazda touch-up paint to repair damage to the paint caused by rock chips, parking lot scratches, etc. First, remove dirt and

grease with a clean soft cloth.

If rust has already begun to form:

1. Remove rust completely with sandpaper.
2. Wipe with a clean soft cloth.
3. Apply rust-preventive primer to the area.
4. After the primer dries, apply appropriate top coat paint to the area.

Of course, there will be no problem if you assign the work to a professional repair shop. We recommend an Authorised Mazda Repairer.

▼ Body Protection

The vehicle's body has been treated at the factory, but additional protection after the vehicle is put into use will extend the life of the body.

For additional precautions, consult a professional repair shop. We recommend an Authorised Mazda Repairer.

▼ Bright-Metal Maintenance

- Use tar remover to remove road tar and insects. Never do this with a knife or similar tool.
- To prevent corrosion on bright-metal surfaces, apply wax or chrome preservative and rub it to a high lustre.
- During cold weather or in coastal areas, cover bright-metal parts with a heavier coating of wax or

Maintenance and Care Appearance Care

preservative than usual. It may also be helpful to coat the parts with noncorrosive petroleum jelly or some other protective compound.

CAUTION

Do not use steel wool, abrasive cleaners, or strong detergents containing highly alkaline or caustic agents on chrome-plated or anodized aluminium parts. This may result in damage to the protective coating and cause discolouration or paint deterioration.

▼ Undercoating

This special coating is applied to the critical parts underneath the vehicle to protect it from chemical or stone damage. This coating is susceptible to damage over time. Check this coating periodically.

If repairs are needed, consult a professional repair shop. We recommend an Authorised Mazda Repairer. They are well informed on how to perform repairs.

▼ Aluminium Wheel Maintenance*

A protective coating is applied to the surface of the aluminium wheels. Special care is needed to protect this coating.

CAUTION

Do not use any detergent other than mild detergents. Before using any detergent, verify the ingredients.

Otherwise, the product could discolour or stain the aluminium wheels.

NOTE

- Do not use a wire brush or any abrasive cleaner, polishing compound, or solvent on aluminium wheels. They may damage the coating.
- Always use a sponge or soft cloth to clean the wheels. Rinse the wheels thoroughly with lukewarm or cold water. Also, be sure to clean the wheels after driving on dusty or salted roads to help prevent corrosion.
- Avoid washing your vehicle in an automatic car wash that uses high-speed or hard brushes.
- (19-inch wheel vehicle) If the aluminium wheels lose lustre, apply wax which contains no polishing powder.

▼ Plastic Part Maintenance

- When cleaning the plastic lenses of the lights, do not use gasoline, kerosene, rectified spirit, paint, diluted high-concentration alcohol, or strongly alkaline detergents. Otherwise, these chemical agents can discolour or damage the surfaces resulting in a significant loss of functionality. If plastic parts accidentally come into contact with any of these chemical agents, flush with water immediately.

*Some models.

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- If plastic parts such as the bumpers become inadvertently exposed to chemical agents or fluids such as gasoline, oil, coolant, or battery fluid, it could cause discolouration, staining, or paint peeling. Wipe off any such chemical agents or fluids using a soft cloth immediately.
- High water temperature and high water pressure car washers are available depending on the type of high pressure car washer device. If the car washer nozzle is put too close to the vehicle or aimed at one area for an extended period of time, it could deform plastic parts or damage the paint.
- Do not use wax containing compounds (polish). Otherwise, it could result in paint damage.
- In addition, do not use an electrical or air tool to apply wax. Otherwise, the frictional heat generated could result in deformation of plastic parts or paint damage.

Interior Care

▼ Interior Care



Do not spray water in the cabin:

Spraying water in the cabin is dangerous as electrical devices such as the audio and switches could get wet causing a malfunction or vehicle fire.

NOTE

- Do not wipe the interior using alcohol, chlorine bleach, or organic solvents such as thinner, benzene and gasoline. Otherwise, it may cause discolouration or stains.
- Rubbing hard with a stiff brush or cloth may cause damage.

If the vehicle interior becomes soiled by any of the following, wipe it off immediately using a soft cloth.

Leaving it uncleaned could cause discolouration, stains, cracks, or peeling of the coating, and it will make it hard to wipe off later.

- Beverage or fragrance
- Grease or oil
- Soiling

▼ Seat Belt Maintenance

1. Clean the dirty area by lightly dabbing it with a soft cloth soaked in a mild detergent (approx. 5%) diluted with water.

Maintenance and Care Appearance Care

2. Wipe off the remaining detergent using a cloth soaked in clean water and wrung out well.
3. Before retracting seat belts which have been pulled out for cleaning, dry them off thoroughly and ensure there is no remaining moisture.



If a seat belt is worn or frayed, have it replaced by a professional repairer, we recommend an Authorised Mazda Repairer:

If a seat belt is used under such a condition, it cannot function at its full capacity which could result in serious injury or death.

Use a mild detergent to remove soiling from a seat belt

If organic solvents are used for cleaning the seat belts or they become stained or bleached, there is the possibility of them becoming weakened and as a result, they may not function at their full capacity which could cause serious injury or death.

NOTE

Clean seat belts diligently if they get dirty. Leaving them uncleaned will make it difficult to clean them later, and it may affect the smooth retracting of the seat belt.

▼ Plastic Part Maintenance

1. Use a vacuum cleaner to remove

dust and sand.

2. Wipe soiled areas with a soft cloth soaked in a mild detergent (approx. 5%) diluted with water.
3. Wipe off the remaining detergent using a cloth soaked in clean water and wrung out well.

▼ Trim Maintenance

1. Clean the dirty areas by gently wiping with a soft cloth dampened with a mild detergent solution (about 5%) diluted with water.
2. Remove any remaining cleaning solution by wiping with a cloth dampened with clean water and thoroughly wrung out.

▼ Leather Upholstery Maintenance*

1. Remove dust and sand using a vacuum cleaner.
2. Wipe off the soiled area with a soft cloth and a suitable, special cleaner or a soft cloth soaked in a mild detergent (approx. 5%) diluted with water.
3. Wipe off the remaining detergent using a cloth soaked in clean water and wrung out well.
4. Remove moisture with a dry, soft cloth and allow the leather to further dry in a well-ventilated, shaded area. If the leather gets wet such as from rain, remove the moisture and dry it as soon as possible.

*Some models.

Maintenance and Care

Appearance Care

NOTE

- Because genuine leather is a natural material, its surface is not uniform and it may have natural scars, scratches, and wrinkles.
- To maintain the quality for as long as possible, periodical maintenance, about twice a year, is recommended.
- If the leather upholstery comes into contact with any of the following, clean it immediately. Leaving it uncleaned could cause premature wear, mold, or stains.
 - Sand or dirt
 - Grease or oil, such as hand cream
 - Alcohol, such as in cosmetic or hair dressing items
- If the leather upholstery gets wet, promptly remove moisture with a dry cloth. Remaining moisture on the surface may cause deterioration such as hardening and shrinkage.
- Exposure to direct sunlight for long periods may cause deterioration and shrinkage. When parking the vehicle under direct sunlight for long periods, shade the interior using sunshades.
- Do not leave vinyl products on the leather upholstery for long periods. They may affect the leather quality and colouring. If the cabin temperature becomes hot, the vinyl may deteriorate and adhere to the

genuine leather.

▼ Plastic Parts Maintenance



Do not use polishing agents. Depending on the product ingredients, they could cause discolouration, stains, cracks or peeling of the coating.

▼ Instrument Panel Top (Soft pad) Maintenance

Extremely soft material is used for the soft pad surface. If the soft pad surface is rubbed harshly with a dry cloth, it could result in the surface being damaged and leaving white scratch marks.

1. Wipe the soiled area with a soft cloth soaked in a mild detergent (approx. 5%) diluted with water.
2. Wipe off the remaining detergent using a cloth soaked in clean water and wrung out well.

▼ AR-HUD Driving Display Maintenance

The dust-proof sheet has a coating. When cleaning, do not use a hard or rough-surface cloth, or cleaning detergent. In addition, if a chemical solvent gets on the AR-HUD driving display, wipe it off immediately. The dust-proof sheet could be damaged and the surface coating could be scratched. Use a fine, soft cloth such as those used for cleaning eyeglasses.

Maintenance and Care Appearance Care

NOTE

Use of compressed air when cleaning the dust-proof sheet is recommended.

▼ Panel Maintenance

If a panel becomes soiled, wipe it off with a soft cloth soaked in clean water and wrung out well.

If some areas require further cleaning, use the following procedure:

1. Wipe the soiled area with a soft cloth soaked in a mild detergent (approx. 5 %) diluted with water.
2. Wipe off the remaining detergent using a cloth soaked in clean water and wrung out well.

NOTE

Be particularly careful when cleaning shiny surface panels and metallic parts such as plating as they can be scratched easily.

▼ Cleaning the Window Interiors

If the windows become covered with an oily, greasy, or waxy film, clean them with glass cleaner. Follow the directions on the container.

⚠ CAUTION

- Do not scrape or scratch the inside of the window glass. It could damage the thermal filaments and the antenna lines.
- When washing the inside of the window glass, use a soft cloth dampened in lukewarm water, gently wiping the thermal filaments and the antenna lines. Use of glass cleaning products could damage the thermal filaments and the antenna lines.

Maintenance and Care

Environment Protection

Disposal of Discarded Parts

▼ Disposal of Discarded Parts

Proper disposal of discarded parts is required. Dispose of discarded parts in accordance with local regulations.

- Burning tyres produces toxic gases. Do not burn old tyres as a method of disposal. Consult an expert repairer (we recommend an Authorised Mazda Repairer).
- The 12V lead-acid battery contains lead and sulphuric acid. Consult an expert repairer (we recommend an Authorised Mazda Repairer) for your new 12V lead-acid battery purchase for proper disposal of the old 12V Lead-acid Battery.
- If oil (such as oil, coolant, etc.) leaks into the ground or rivers, it can harm the environment. Consult an expert repairer (we recommend an Authorised Mazda Repairer) for your new oil purchase for proper disposal of used oil. Additionally, consult an expert repairer (we recommend an Authorised Mazda Repairer) for coolant replacement.
- The refrigerant used in the fully automatic climate control system is a substitute freon gas that does not deplete the ozone layer. However, substitute freon gas still contributes to global warming. Consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect and repair the fully

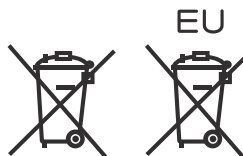
automatic climate control system to prevent refrigerant from being released into the atmosphere.

- If you are unsure how to dispose of other discarded parts, consult an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Information for Users on Collection and Disposal of Old Equipment and Used Batteries

When disposing your old battery, please refer to the information as follows.

Information on Disposal in the European Union



The symbols shown above on the products, packaging, and/or accompanying documents mean that used electronic products and batteries should not be mixed with general household waste. For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation and the Directives 2006/66/EC.

By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on

Maintenance and Care

Environment Protection

human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sales where you purchased the items.

NOTE



When the symbol shown above appears, it complies with the requirement established by the Directive for the chemical involved. "Pb" and "Cd" mean lead and cadmium respectively.

Information on Disposal in Other Countries Outside the European Union

The above symbols are only valid in the European Union. If you wish to discard old products and used batteries, please contact your local authorities, your waste disposal service or the point of sales where you purchased the items, and ask for the correct method of disposal.

Helpful information on what to do if a problem arises with the vehicle.

Emergency Call System 7-2	Emergency Towing 7-20
Emergency Call System 7-2	Roadside Assistance 7-20
Parking in an Emergency 7-12	Towing Point 7-22
Parking in an Emergency 7-12	Other Precautions 7-24
Flat Tyre 7-13	Warning/Indicator Lights 7-26
On-board Tools 7-13	If a Warning Lamp Turns On or Flashes 7-26
Emergency Flat Tyre Repair 7-13	When Liftgate Cannot be Opened 7-33
Depleted lead-acid battery 7-16	When Liftgate Cannot be Opened 7-33
Jump-Starting 7-16	

If Trouble Arises Emergency Call System

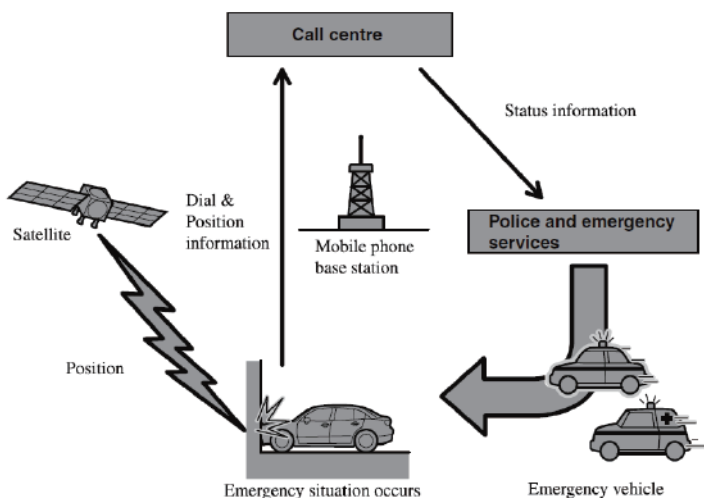
Emergency Call System

▼ Emergency Call system (This system is only applicable to European models.)

When an emergency situation such as an accident occurs, the Emergency call system is triggered automatically. You can also make an emergency call via the emergency rescue button SOS on the roof switch panel.

The emergency call trigger process and logic are shown in the following figure:

eCall uses the vehicle's satellite positioning system to obtain the vehicle's location information. After an accident occurs, sensors detect and trigger automatic alerts or users manually initiate emergency calls. While establishing voice communication, information such as vehicle location, travel direction (left-hand or right-hand traffic), license plate, and vehicle model are automatically sent to the rescue centre as MSD (Minimum Set of Data). (This vehicle is equipped with full ECall function in Europe, but some functions may be limited due to the impact of infrastructure in each region.)



Information On Data Processing

Any processing of personal data through the in-vehicle emergency call system shall comply with the personal data protection rules provided for in Directives EU2015/758 of the European Parliament and of the Council.

If Trouble Arises Emergency Call System

Privacy Protection

The in-vehicle emergency call system is designed in such a way as to ensure that the data contained in the system memory is not available outside the system before an Emergency call system is triggered.

The in-vehicle emergency call system is designed in such a way as to ensure that it is not traceable and not subject to any constant tracking in its normal operation status.

The in-vehicle emergency call system is designed in such a way as to ensure that data in the system internal memory is automatically and continuously removed.

Modalities for exercising data subject's rights

- The data subject (the vehicle's owner) has a right of access to data and as appropriate to request the rectification, erasure or blocking of data, concerning him or her, the processing of which does not comply with the provisions of Directive 95/46/EC. Any third parties to whom the data have been disclosed have to be notified of such rectification, erasure or blocking carried out in compliance with this Directive, unless it proves impossible or involves a disproportionate effort.
- The data subject has a right to complain to the competent data protection authority if he or she considers that his or her rights have been infringed as a result of the processing of his or her personal data.

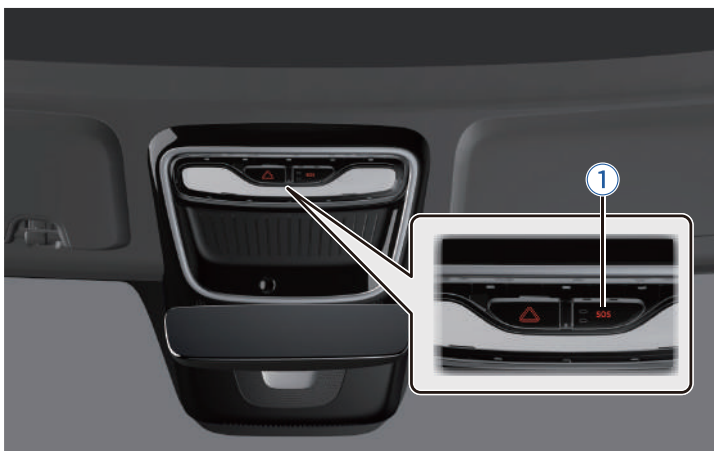
Contact service responsible for handling access requests

Please contact your local Mazda Organisation for data protection requests. Contact details related thereto are listed in the Privacy Statement which you find on your country-specific webpage. Please check the privacy agreement on each local Mazda official website.

If Trouble Arises

Emergency Call System

▼ Emergency Call Switch (SOS)



1. Emergency Call Switch (SOS)

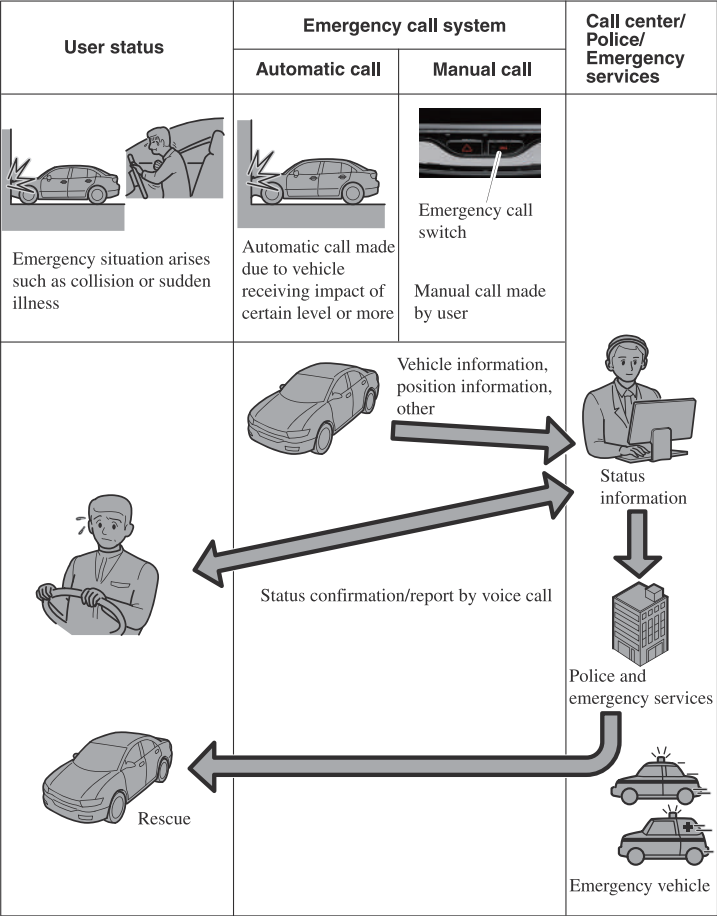
In the event of an accident, press the Emergency Call switch (SOS) on the front reading light panel to make an emergency rescue call.

If the vehicle experiences a certain degree or greater impact, an emergency rescue call will be triggered automatically.

If Trouble Arises

Emergency Call System

Emergency Call System Workflow



 CAUTION

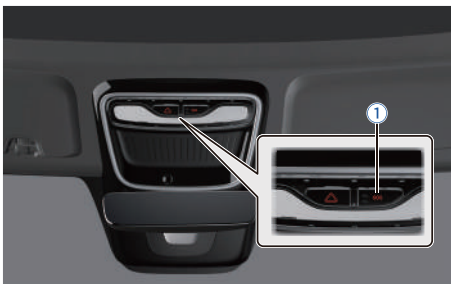
Do not trigger emergency rescue calls arbitrarily or frequently.

When the emergency rescue function malfunctions, please consult an expert repairer (we recommend an Authorised Mazda Repairer).

If Trouble Arises

Emergency Call System

▼ Component Parts of Emergency Call System



1. Emergency call switch

CAUTION

- Do not disassemble the Emergency call system. Otherwise, it could become damaged and may not function in an emergency.
- The Emergency call system has a special built-in battery so that it can operate even if the power supply from the vehicle is cut such as in an accident. Heed the following cautions. If the Emergency call system is not used correctly it may not operate.
 - If the built-in battery power is low due to natural discharge and the system determines that there is a problem, the Emergency call system cannot be used.
 - If the system determines that there is a problem, the two indicator lights in the Emergency call switch

will notify the driver in the following manner: the green indicator light turns off, and the red indicator light stay on. If there is a problem, have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).

NOTE

- There are two ways the Emergency call system makes calls: automatically or manually.
- The Emergency call system may not make a connection under the following conditions. If the Emergency call system does not connect, make a call from another phone such as the nearest available public phone.
 - The vehicle is outside of a mobile phone network area
 - The vehicle is in a weak radio wave transmission environment (such as inside tunnels, underground parking areas, shadow of buildings, and mountain areas)
 - The vehicle does not receive an impact of a certain level or more even if an accident has occurred.
 - An extremely serious collision occurs resulting in damage to the Emergency call system.
 - The position information

If Trouble Arises Emergency Call System

cannot be obtained when signals cannot be received from the GNSS satellites, however, voice calls are possible.

- It may take some time for the call centre to respond after the Emergency call system first starts operating.
- If you are unable to respond to an operator's questions after the voice call begins, the operator may proceed with emergency procedures at their own discretion.
- Even if it is difficult for you to hear the operator's voice, your voice may be heard by the call centre. Continue explaining your circumstances so that the operator can fully understand your circumstances.
- A voice call with an operator may not be possible if the speaker or microphone is broken. If the speaker or microphone is broken, always have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).
- The Emergency call system may not operate normally in extreme temperature conditions: If the Emergency call system does not operate normally, make a call from another phone such as the nearest available public phone.
Operation temperature range:
-40 °C (-40 °F) to 85 °C (185 °F)

Automatic emergency calls

If the vehicle receives an impact of a certain level or more in a collision, vehicle information is automatically sent to the call centre.

CAUTION

The emergency call will consume the built-in battery's power. If an automatic call is made, the built-in battery power may be depleted and emergency calls may not be possible in the event that an emergency occurs again. After an automatic emergency call has been made, have the built-in battery replaced by an expert repairer (we recommend an Authorised Mazda Repairer).

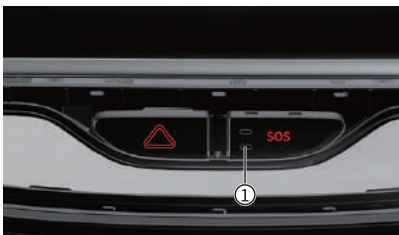
NOTE

- Automatic emergency calls cannot be cancelled by the user.
- The call centre will end an emergency call. The user cannot end the emergency call.
- If the vehicle receives an impact of a certain level or more in a collision, an automatic call is made even if the airbags do not deploy.
- If a call is busy or a call cannot be made to the call centre correctly, the system automatically makes 10 calls to the call centre within 30 minutes.

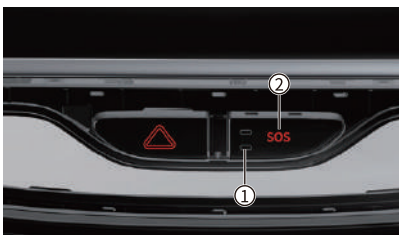
If Trouble Arises

Emergency Call System

1. If the vehicle receives an impact of a certain level or more in a collision, the Emergency call system begins operating automatically.
2. The indicator light (green) on the Emergency call switch flashes slowly and makes a beep, indicating that a call is made to the call centre.



1. Green
3. When the connection is established with the call centre, the indicator light (green) will flash once per second.
4. If the connection is successful, the beep sounds and the voice call with the call centre starts.
5. If the connection fails, you can manually connect using the emergency call switch.



1. Green (Flashes)

2. Red (Turns on)

Manual emergency calls

Long press the Emergency call switch and after releasing your finger from the switch, the vehicle information is automatically transmitted to the call centre.

NOTE

- Only make calls manually for conditions requiring urgent treatment such as illness or serious injury.
 - When making emergency calls manually, stop the vehicle in a safe location before making the call.
 - The call centre will end an emergency call. The user cannot end the emergency call.
 - If a call is disconnected or a call cannot be made to the call centre correctly, the system will automatically re-call the call centre.
1. Long press the Emergency call switch on the front reading light panel and then release your finger from the switch.



1. Emergency call switch

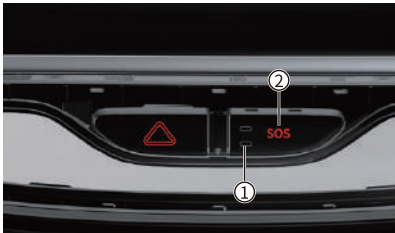
If Trouble Arises Emergency Call System

2. The indicator light (green) on the Emergency call switch flashes slowly and makes a beep, indicating that a call is made to the call centre.



1. Green

3. When the connection is established with the call centre, the indicator light (green) will flash once per second.
4. If the connection is successful, the beep sounds and the voice call with the call centre starts.
5. If the connection fails, make a manual emergency call again.



1. Green (Flashes)

2. Red (Turns on)

NOTE

If a call to the call centre does not connect even though the indicator light shows a call is possible, make a call to the police or other authority by means other than the Emergency call system.

If Trouble Arises Emergency Call System

▼ Indicator Light/Beep Sound

The indicator light turns on/flashes and beep sounds are activated to notify the driver of the system operation status or if there is a problem with the system.

Status	Indicator light			Beep sound status	On/flashing conditions
	Green	Red (SOS switch backlight)	Flash interval		
Diagnosis	Flashes	Turns on	Quick (0.5 second intervals)	-	When the power switch is switched to ON, the red indicator lights up and the green indicator flashes. NOTE A manual emergency call is not possible during diagnosis.
Normal	Turns on	Turns on	-	-	The system is operating normally.
eCall Major Fault	Turns off	Turns on	-	-	 If the indicator light turns off, the system will not operate normally. Have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.
eCall Minor Fault	Flashes	Turns on	Slow (2 second intervals)	-	 If the system can not operate normally. Have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.
eCall System Fault	Turns off	Turns off	-	-	- A system malfunction is detected. - The remaining power of the built-in battery is low.  If the indicator light turns off, the system will not operate normally. Have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.
Call being made with call centre	Flashes	Turns on	Slow (1 second intervals)	1 beep	An emergency call is being made by the Emergency call system.

If Trouble Arises

Emergency Call System

Status	Indicator light			Beep sound status	On/flashing conditions
	Green	Red (SOS switch backlight)	Flash interval		
Vehicle information is being transmitted	Flashes	Turns on	Slow (1 second intervals)	-	Vehicle information is being transmitted to the call centre.
Start of voice call	Flashes	Turns on	Slow (1 second intervals)	1 beep	During a voice call with the call centre.
Waiting for callback from call centre	Flashes	Turns on	Very slow (On for 2.5s, Off for 2.5s)	-	When waiting for the call centre to call back. (for about 1 hour.)

If Trouble Arises

Parking in an Emergency

Parking in an Emergency

▼ Parking in an Emergency

Always switch on the hazard warning lights when stopping on or near a carriageway in an emergency. They alert other road users that your vehicle poses a hazard, prompting them to exercise heightened caution in its vicinity.

All turn signals will flash when the hazard warning light switch is pressed. The hazard warning indicator lights in the instrument cluster will flash in unison.

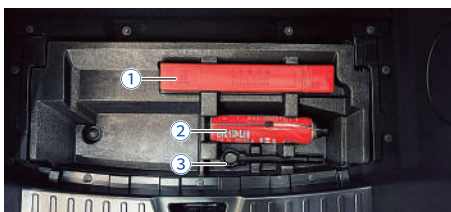
NOTE

- The direction indicators (turn signals) are disabled while the hazard warning lights are operating.
- Consult local regulations regarding the use of hazard warning lights while the vehicle is being towed to ensure legal compliance.

If Trouble Arises Flat Tyre

On-board Tools

▼ On-board Tools



1. Warning triangle*
2. Emergency tyre repair kit
3. Towing eye

On-board tools are typically stored in the toolbox located behind the boot carpet. Simply lift the carpet to access the tools. In some models, the tools may be placed directly on the carpet. Refer to your vehicle's handbook for further details.

Emergency Flat Tyre Repair

▼ Emergency Flat Tyre Repair

The Mazda-supplied tyre sealant is designed for the temporary repair of tyres that have been slightly damaged by nails or similar sharp objects.

Conduct emergency tyre repairs without removing the nail or other sharp object that punctured the tyre.



Keep Tyre Sealant Out of the Reach of Children:

- Ingesting tyre sealant is hazardous. If swallowed accidentally, drink plenty of water immediately and seek medical attention.
- Contact with tyre sealant is harmful to the eyes and skin. If it enters your eyes or touches your skin, rinse thoroughly with plenty of water and seek medical attention.

NOTE

- Tyre sealant cannot be reused.
Have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).
- Do not use the tyre sealant under the following conditions.

Please consult an expert repairer (we recommend an Authorised Mazda Repairer).

If Trouble Arises

Flat Tyre

- The tyre sealant has expired. (The expiry date is shown on the bottle label.)
- The tear or puncture exceeds approximately 6 mm (0.2 in) in size.
- The damage is situated outside the tyre's tread area.
- The vehicle was operated with a tyre that was nearly flat.
- The tyre has detached from the wheel rim.
- The wheel rim is damaged.
- There are two or more punctures in the tyre.

▼ Preparations

Parking Preparations

If a tyre is punctured by a nail or foreign object, and the puncture hole is 6 mm (0.2 in) or less in diameter, drive slowly to a safe location for emergency tyre repair. Pay attention to the following points:

1. Turn on the hazard warning lights.
2. Drive slowly away from the road and traffic.
3. Engage the electronic parking brake.
4. Shift the gear to the "P" position.
5. Switch off the vehicle's power.
6. Place a triangular warning sign at the required distance behind the

vehicle.

7. Keep yourself safe by wearing reflective vests.

Tool Preparations

Remove the tyre repair kit and triangular warning sign from the luggage compartment.

▼ Using the Emergency Flat Tyre Repair Kit

⚠ CAUTION

If the bottle is shaken once the injection hose has been attached, the tyre sealant may spray out of the injection hose. If it contacts clothing or other objects, it may be impossible to be removed. Ensure the bottle is thoroughly shaken before attaching the injection hose.

If there is residual air in the tyre when removing the valve core, it could be ejected with force. Inspect the valve core carefully.

1. Thoroughly shake the tyre sealant before use, then remove the safety cap from the tyre sealant container;



If Trouble Arises Flat Tyre

2. Align the tyre repair tool's connector with the tyre valve stem, then secure it firmly;



3. Press the switch, and once the sealant is fully injected, remove the tyre repair tool;



4. Drive the vehicle immediately for a short distance to allow the sealant to distribute and complete the repair. For optimal results, drive over 10 km (6.2 mile).

NOTE

If you have used tyre sealant for an emergency repair, Mazda recommends replacing the tyre as soon as practicable. If you plan to repair or reuse the tyre, consult an expert repairer (we recommend an

Authorised Mazda Repairer).

⚠ WARNING

Emergency tyre repair is intended solely as a temporary measure in urgent situations. After completing an emergency repair, do not exceed 80 km/h (50 mph).

⚠ CAUTION

When using tyre sealant, air is also introduced into the tyre. If the tyre pressure remains too low after driving a certain distance, this indicates that the sealant cannot fully seal the leak. Pull over safely and contact an expert repairer (we recommend an Authorised Mazda Repairer).

If Trouble Arises

Depleted lead-acid battery

Jump-Starting

▼ Jump-Starting

Jump-starting can be hazardous if performed incorrectly. Follow the procedure meticulously. If you are unsure about any aspect of jump-starting, we strongly advise you to have it carried out by a qualified service technician.



Observe the following safety precautions carefully:



Always wear protective goggles when working near the battery.

Failure to wear protective goggles is extremely hazardous. The battery contains sulphuric acid, which can cause blindness if it contacts your eyes. In addition, hydrogen gas generated during normal battery operation can ignite, causing the battery to explode.



Always wear protective goggles and gloves to avoid contact with battery acid:

Spilt battery acid is extremely hazardous. It contains sulphuric acid, which can cause severe injury if it contacts your eyes, skin, or clothing. If this happens, immediately rinse your eyes with water for at least 15 minutes or thoroughly wash your skin and seek medical attention.

If Trouble Arises Depleted lead-acid battery



Keep the battery out of the reach of children.

Allowing children to play near the battery is extremely hazardous. Battery acid can cause serious harm if it contacts their eyes or skin.



When working near the battery, ensure there are no open flames or sparks in the vicinity. Do not allow metal tools to contact the battery's positive (+) or negative (-) terminals, and never allow the positive (+) terminal to touch the vehicle body:

Exposing the battery pack to open flames or sparks is extremely hazardous. Hydrogen gas generated during normal battery operation can ignite, causing the battery to explode. An exploding battery can cause severe burns and injuries. Keep all flames (including cigarettes) and sparks away from the battery pack.



Keep all flames and sparks away from the battery pack, as it may produce hydrogen gas while charging or when adding acid to a lead-acid battery.

Exposing the battery pack to open flames or sparks is extremely hazardous. Hydrogen gas produced during normal battery operation can ignite, causing the battery to explode. An exploding battery can cause serious burns and injuries. Keep all flames (including cigarettes) and sparks away from the battery pack.

Never jump-start a frozen battery or one with low acid levels.

Jump-starting a frozen battery or one with low acid levels is extremely hazardous. The battery may rupture or explode, causing severe injury.

If Trouble Arises

Depleted lead-acid battery

Connect the negative cable to a suitable earth point away from the battery.

Connecting the second jump lead to the negative (-) terminal of the depleted battery is extremely hazardous. Sparks could ignite the gases around the battery, causing injury.

Keep the jump leads away from any moving parts.

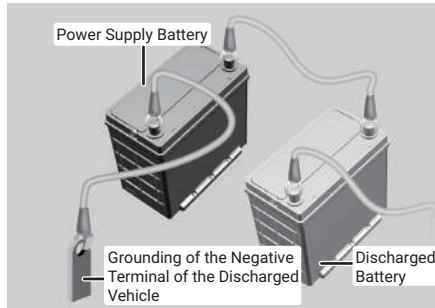
Connecting a jumper lead near or to a moving part is dangerous. The lead could get caught when the vehicle starts and cause serious injury.



Use only a 12V booster battery. If a 24V supply (two 12V batteries connected in series) is used, it may cause irreparable damage to the electrical components.

- Connect the bridging cables carefully.
- Do not jump-start the vehicle while the charging cable is still connected to your vehicle. Otherwise, the vehicle may be damaged.
- Do not use your vehicle as the donor (booster) vehicle to avoid damage to your vehicle.
 1. Position the donor lead-acid battery close to the vehicle. If you are using another vehicle's lead-acid battery, park the donor vehicle near the boot of the depleted vehicle without allowing them to touch, and ensure the parking brakes are applied on both vehicles.
 2. Before connecting the lead-acid battery cables, inspect all battery terminals and remove any excessive corrosion.
 3. Switch off all accessories except for essential safety indicators (e.g. headlights, hazard warning lights).
 4. The first cable is connected to the positive (+) terminal of the power 12V battery and the positive (+) terminal of the discharged 12V battery. Attach the second lead to the negative (-) terminal of the power 12V battery and a suitable earth point on the discharged vehicle, away from the battery's positive (+) terminal.

If Trouble Arises Depleted lead-acid battery



5. If you are using a rescue vehicle, start its engine or high-voltage battery.
6. Start the vehicle with the discharged battery.
7. Remove the jump leads in the reverse order of connection. Ensure the leads do not contact any metal parts of either vehicle during removal.

NOTE

During jump-starting, keep your hands and jump leads away from all moving parts in the vicinity.

If the lead-acid battery frequently becomes discharged and the cause is not evident, please consult an expert repairer (we recommend an Authorised Mazda Repairer) for inspection.

If Trouble Arises

Emergency Towing

Roadside Assistance

▼ Roadside Assistance

If towing is necessary, we recommend that you contact an Authorised service centre or a professional towing service company.

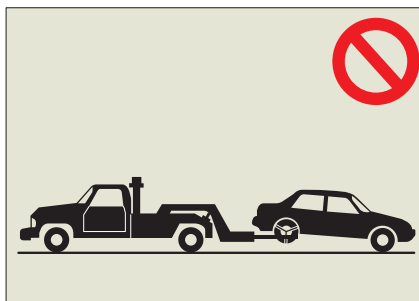
It is advisable to use wheel-lift equipment and flatbed/platform equipment. If a flatbed truck is not available, a rigid towing connection must be used; do not use a rope-type towing vehicle. When using a rigid connection for towing, it must be done at low speeds and for short distances only. Ensure that the parking system is in the released state.

Rear-wheel-drive vehicles should not be towed with the rear wheels on the ground for long distances.

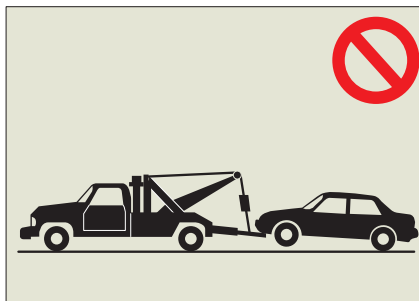
The following towing methods are prohibited for long-distance towing.

⚠ CAUTION

- Do not tow the vehicle pointed backward with driving wheels on the ground. This may cause internal damage to the vehicle.



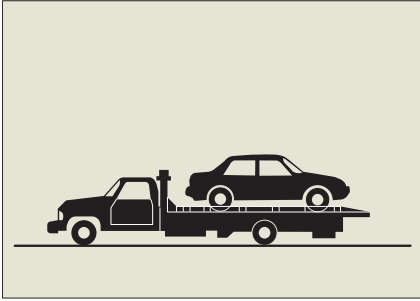
- Do not tow with sling-type equipment. This could damage your vehicle. Use wheel-lift or flatbed equipment.



- If the parking brake cannot be released when towing the vehicle, transport the vehicle with all front and rear wheels raised off the ground as shown in the figure. If the vehicle is towed without raising the wheels off the ground, the brake system may be damaged.

Long-distance towing should only be performed using a flatbed truck.

If Trouble Arises Emergency Towing



▼ Trailer Mode

In the centre display, tap "Vehicle Centre → Safety → Trailer Mode" to enable or disable trailer mode.

Trailer Mode can only be activated when the following conditions are met:

- The vehicle is powered on;
- The gear is in the P position;
- The brake pedal is repressed.

After the conditions for enabling Trailer Mode are met, tap the "Trailer Mode" button; the Trailer Mode pop-up will appear.

After tapping the confirmation icon in the dialog box, the vehicle will enter trailer mode.

NOTE

When trailer mode is enabled, the gear will shift from P to N, and the electronic parking brake will be released. To prevent the vehicle from rolling, only enable trailer mode on flat surfaces without steep slopes.

Towing Precautions

Do not tow the vehicle with the rear axle raised, as this may cause the steering system to misalign.

If the vehicle power is off, the power assist systems will not operate, and greater effort will be required for braking and steering.

Use tow hooks, vehicle body, and chassis components as the load points to tow the vehicle, otherwise damage may occur.

Do not tow the vehicle with the front wheels on the ground; this may cause damage to the vehicle.

Avoid sudden starts or unstable driving, as this may put excessive stress on the tow hooks, tow cable, or chains, leading to their failure, which could result in vehicle damage or personal injury.

If the vehicle cannot be moved due to a malfunction, do not continue towing it forcibly.

When towing the vehicle, proceed as straight as possible.

If Trouble Arises Emergency Towing

NOTE

Towing from parts of the vehicle other than the towing hooks may damage your vehicle. Securely fasten the tow cable or chain to the tow hooks.

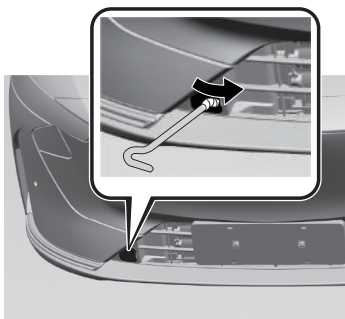
When towing the vehicle, apply a steady and even force without jerking the hooks.

Towing Point

▼ Front Towing Point

⚠ CAUTION

- In emergency situations (for example, pulling the vehicle out of a ditch or a snowbank), use the tow hook.
- When using the tow hook, always pull the cable or chain in a straight line with the hook. Do not apply lateral force.
 1. Remove the tow hook from the boot.
 2. Using a flat-blade screwdriver or a similar tool, remove the tow hook hole cover.



⚠ CAUTION

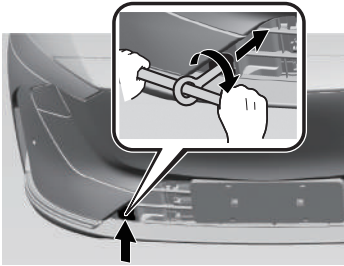
Do not use excessive force as it may damage the cap or scratch the painted bumper surface.

If Trouble Arises Emergency Towing

NOTE

Remove the cap completely and store it so as not to lose it.

3. Securely install the tow hook using a metal rod or a similar tool.



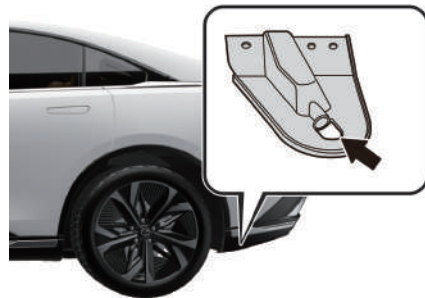
CAUTION

- If the tow hook is not properly tightened, it may loosen or detach from the bumper while towing. Always ensure it is securely fastened to the bumper.
- Take care not to damage the tow hook or the vehicle body when towing under the following circumstances:
 - Do not tow a vehicle that is heavier than your own.
 - Do not suddenly accelerate this vehicle, as it will cause a severe impact on the tow hook or towing line.
 - Do not attach any other ropes to the tow hook.

▼ Rear Towing Point

CAUTION

- In emergency situations (for example, pulling the vehicle out of a ditch or a snowbank), use the rear tow hook.
- When using the rear tow hook, always pull the tow rope, cable, or chain in a straight line with the hook. Do not apply lateral force.
 1. The rear tow hook is fixed to the vehicle body, so no installation is required.
 2. Secure the tow rope to the rear tow hook for towing.



If Trouble Arises

Emergency Towing

CAUTION

- Using the rear tow hook may result in damage to the rear bumper.
- Do not perform the following operations during towing; otherwise, the vehicle may be damaged.
 - Do not tow a vehicle that is heavier than your own.
 - Do not suddenly accelerate this vehicle, as it will cause a severe impact on the rear tow hook or towing line.
 - Do not attach any other ropes to the rear tow hook.

Other Precautions

▼ Other Precautions

Precautions for Towing a Vehicle with All Wheels on the Ground:

- Only perform short-distance, low-speed towing on hard-surfaced roads. Ensure the vehicle has been safely inspected to confirm the powertrain, high-voltage system, wheels, axles, transmission system, steering wheel, and brakes are in good condition.
- The towing vehicle must not be lighter than the towed vehicle, as this could result in loss of control.
- Check and ensure that the towing cables, chains, and hooks are not broken or damaged.
- Secure the towing cables or chains to the hooks.
- Do not jerk the hooks; apply steady and even force.
- Before towing, confirm that the towed vehicle is in Neutral (N) and is in a drivable condition, and turn on the hazard warning lights.
- To avoid damage to the tow hooks, only tow the vehicle from the front, and ensure the speed does not exceed 40 km/h (25 mph) and the towing distance does not exceed 25 km (16 mile).
- The towing strap should be less than 5 meters (16 feet) in length and

If Trouble Arises Emergency Towing

should be fitted with visible flags for identification.

- Drive cautiously to prevent the towing strap from slackening during the tow.
- Both drivers should communicate frequently with each other.
- If driving downhill for an extended period, the brakes may overheat, reducing braking performance. Stop frequently to allow the brakes to cool.
- If the brakes have failed, the vehicle must be towed using a flatbed truck for full vehicle transport.

If Trouble Arises

Warning/Indicator Lights

If a Warning Lamp Turns On or Flashes

▼ If a Warning Lamp Turns On or Flashes

If any warning lamp turns on/flashes, take appropriate action for each light. There is no problem if the light turns off, however if the light does not turn off or turns on/flashes again, consult an expert repairer (we recommend an Authorised Mazda Repairer). The details for some warnings can be viewed on the centre display or multi-information display in the instrument cluster.

▼ ABS Warning Indication/Warning Light



If the ABS warning lamp remains illuminated while you are driving, the ABS control unit has detected a system fault.

If this occurs, your brakes will function normally, but the ABS function may be disabled. In this event, consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.

NOTE

- The brake assist system will not function while the ABS warning lamp remains illuminated.

▼ EV System Problem Warning Indication/Warning Light



The indication/light displays/turns on if the system has a problem.

Have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Remaining High Voltage Battery Power Warning Lamp



The indication displays when the remaining high voltage battery power is low.

Check the information displayed on the centre display or instrument cluster and take the necessary actions.

If Trouble Arises Warning/Indicator Lights

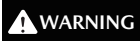
▼ Output Restriction Warning Indication/Warning Light



The warning lamp or indicator illuminates to indicate that the motor output is restricted.

Please contact a professional repairer; we recommend an Authorised Mazda technician.

If the warning lamp or indicator remains illuminated, have the vehicle inspected as soon as possible.



When the output restriction warning lamp or indicator illuminates or flashes, check the surrounding environment:

Motor output and vehicle speed may be reduced, potentially leading to an accident. If the vehicle cannot be driven safely, stop in a safe location.

▼ Brake System Warning Indication/ Warning Light



If a system fault occurs, the warning light will illuminate. Have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).



Do not drive with the brake system warning light illuminated. Contact an expert repairer (we recommend an Authorised Mazda Repairer) to have the brakes inspected as soon as possible:

Driving when the brake system warning light and ABS warning light are illuminated simultaneously is dangerous. When both lights are illuminated, the rear wheels could lock more quickly in an emergency stop than under normal circumstances.

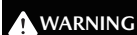
If Trouble Arises

Warning/Indicator Lights

▼ Air Bag/Seat Belt Pretensioner System Warning Lamp



A system fault is indicated if the warning light constantly flashes, constantly turns on or does not turn on at all when the power switch is switched ON. If any of these conditions occurs, consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible. The system may not operate in an accident.



Never tamper with the airbag/pretensioner systems and always have an expert repairer (we recommend an Authorised Mazda Repairer) perform all servicing and repairs:

Self-servicing or tampering with the systems is dangerous. An airbag/pretensioner could accidentally activate or become disabled causing serious injury or death.

▼ Tyre Pressure Monitoring System (TPMS) Warning Indication/Warning Lamp (Flashing)



If the Tyre Pressure Monitoring System (TPMS) malfunctions or the battery voltage of a tyre pressure sensor is low, the TPMS warning lamp will flash and a message will appear on the multi-information display. Have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).



Avoid driving at high speeds if the TPMS warning lamp illuminates or flashes:

Driving at high speeds while the TPMS warning lamp is illuminated or flashing is dangerous because braking performance and steering control may be compromised. If the vehicle is driven at high speeds or the brakes are suddenly applied, it could lead to an accident. Slowly apply the brakes to reduce the vehicle's speed.

If Trouble Arises Warning/Indicator Lights

▼ Tyre Pressure Monitoring System (TPMS) Warning Indication/Warning Light (Turns on)



If the tyre pressure falls below the recommended value, the TPMS warning lamp will illuminate.

Simultaneously, the tyre pressure information of each tyre will alternate on the multi-information display. Furthermore, the tyre(s) with low pressure will be highlighted in yellow.

WARNING

Avoid driving at high speeds if the TPMS warning lamp illuminates or flashes:

Driving at high speeds with the TPMS warning lamp on or flashing is hazardous as it can affect braking performance and steering control. Sudden braking or high-speed driving could result in an accident. Gradually reduce speed by applying the brakes.

Never ignore the TPMS warning lamp when illuminated or flashing:

Continuing to drive while the TPMS warning lamp is on or flashing could lead to a tyre blowout and result in an accident. Take immediate action to address the issue.

NOTE

- When the TPMS is learning the tyre positions (e.g., after a tyre position has been changed), the previous tyre pressures will be displayed until the system has completed the update. As a result, the displayed tyre pressures may differ from the actual pressures until the learning process is completed.

CAUTION

- Always adjust tyre pressures when the tyres are cool. As tyre pressure fluctuates with temperature, ensure the vehicle has been stationary for at least an hour or driven no more than 1.6 km (1 mile) before adjusting the pressures. Adjusting tyre pressures while the tyres are warm may result in the pressure dropping below the recommended level once they cool, potentially triggering the TPMS warning light. Additionally, tyre pressure naturally decreases in cold temperatures, and an illuminated TPMS warning lamp may extinguish if the temperature rises. Always ensure tyre pressures are adjusted when the tyres are cool, regardless of the circumstances.

If Trouble Arises

Warning/Indicator Lights

- Once the tyre pressures are correctly adjusted, the TPMS warning lamp will switch off.

If the TPMS warning lamp remains illuminated, drive the vehicle at 25 km/h (16 mph) or faster for at least 3 minutes to reset the system.

If the TPMS warning lamp stays on after adjusting the pressures, one of the tyres may be punctured.

▼ Electric Parking Brake (EPB) Indication/Indicator Light



The EPB switch indicator light turns on when applying the parking brake and it turns off when releasing the parking brake.

Parking brake warning/Indicator light inspection

This indicator light illuminates when the parking brake is applied while the vehicle is stationary. It turns off when the parking brake is released.

Illuminated

If the Electric Parking Brake (EPB) switch is off but the light remains on, the system may be malfunctioning. Have your vehicle inspected at an expert repairer (we recommend a Mazda Authorised Service Technician).

Flashing

If there is a system fault, this light will flash. If the light remains flashing even if the Electric Parking Brake (EPB) switch is operated, consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.

▼ Power Steering Malfunction Indication/Indicator Light



The message is displayed if the electric power steering has a malfunction.

If the message is displayed, stop the vehicle in a safe place and do not operate the steering wheel. There is no problem if the indication turns off when the vehicle is restarted after some time has passed. If the indication displays even after the vehicle is restarted, contact an expert repairer (we recommend an Authorised Mazda Repairer).

If Trouble Arises Warning/Indicator Lights

NOTE

- If the message is displayed, the power steering will not operate normally. In this case, the steering wheel will still be operable, but it may feel heavier than usual, or it may vibrate during turns.
- Jerking the steering wheel back and forth while the vehicle is stationary or moving very slowly will activate the power steering system's protective mode, making the steering feel heavy. This is not a fault. If this happens, park the vehicle safely and wait a few minutes for the system to reset.

▼ Seat Belt Warning Indication/ Warning Lamp (Front seat)



If the driver's or front passenger's seat is occupied and the seatbelt is not fastened when the vehicle is powered on, the seatbelt warning light will illuminate. If the driver's or front passenger's seatbelt is unfastened (with the front passenger seat occupied) and the vehicle speed reaches approximately 10 km/h (6 mph) or above, the warning light will flash temporarily. After a brief period, the warning light will stop flashing but will remain illuminated.

NOTE

- If heavy objects are placed on the front passenger seat, the seat belt warning system may be activated depending on the weight of the items.
- To ensure proper operation of the occupant detection sensor, do not sit on the front passenger seat with seat cushions or other items on the seat. Additional cushions may interfere with the sensor, preventing it from working correctly.
- The warning light may not operate if a small child is seated in the front passenger seat.

▼ Seat Belt Warning Indication/ Warning Lamp (Rear Seat)



If there are passengers in the rear seats and the seat belts are not fastened when the vehicle is powered on, the warning light will illuminate.

NOTE

If the rear seat belts are not fastened within a certain period after the vehicle is started, the warning lamp will turn off.

If Trouble Arises

Warning/Indicator Lights

▼ High Beam Control Headlights (HBC) Warning Indication/Warning Light



The warning light will remain illuminated if a fault is detected in the system. Have the vehicle inspected at an expert repairer (we recommend a Mazda Authorised Service Technician).

▼ DSC Indication/Indicator Light



If the light remains illuminated, the DSC system may have a malfunction and it may not operate correctly. Take your vehicle to an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Door-Ajar Warning Indication/Warning Light



The light illuminates if any door/ liftgate is not closed securely.

Action to be taken

Close the door and liftgate securely.

▼ Charging Warning Indication/Warning Light



If there is a charging system fault, this light will turn on/ flash. Park the vehicle in a safe place immediately and contact an expert repairer (we recommend an Authorised Mazda Repairer).



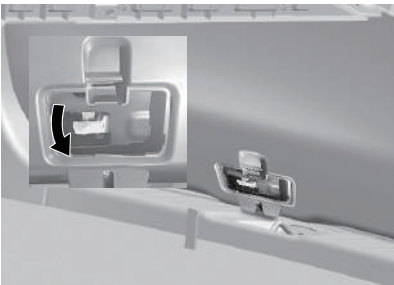
Do not drive the vehicle with the charging warning light illuminated: Otherwise, the powertrain may stop, which could result in an accident.

If Trouble Arises When Liftgate Cannot be Opened

When Liftgate Cannot be Opened

▼ Emergency Unlock

When the liftgate locked. If the release switch fails, fold the rear seat back and enter the luggage compartment. Find the cover plate in the position shown on the interior trim plate of the liftgate and remove it. The operating handle of the liftgate lock body is behind the cover hole, push to the lock rod downward to unlock the liftgate. (In case of sudden power failure during the process of electric lock suction, you need to flip the green lock rod to the left and then press the white lock rod down to unlock the liftgate.)



Important consumer information including warranties and add-on equipment.

Warranty.....8-2	Declaration of Conformity.....8-6
Registering Your Vehicle in A Foreign Country 8-2	Declaration of Conformity 8-6
Add-On Non-Genuine Parts and Accessories..... 8-2	Electromagnetic Compatibility8-136
Cell Phones.....8-4	Electromagnetic Compatibility 8-136
Cell Phones Warning 8-4	
Event Data Recorder System8-5	
Event Data Recorder System..... 8-5	

Customer Information

Warranty

Registering Your Vehicle in A Foreign Country

▼ Registering Your Vehicle in A Foreign Country

Registering your vehicle in a foreign country can be challenging, particularly if it does not comply with the emission and safety standards required by the destination country.

As a result, your vehicle may need to be modified at your own expense to meet the local regulations.

Furthermore, you should be aware of the following considerations:

Finding satisfactory vehicle servicing in another country may prove difficult or even impossible.

Parts, servicing techniques, and tools required for the maintenance and repair of your vehicle may not be readily available.

There may not be an authorised Mazda repairer in the country you plan to visit.

The Mazda warranty is only valid in select countries.

Add-On Non-Genuine Parts and Accessories

▼ Add-On Non-Genuine Parts and Accessories

Please note that any technical modifications from your Mazda vehicle's original condition can compromise its safety. These modifications include not only the use of unsuitable spare parts but also accessories, fittings or attachments, including wheels and tyres.

Genuine Mazda Parts and Genuine Mazda Accessories are specifically developed for Mazda vehicles.

Parts and accessories other than those specified above have not been evaluated or approved by Mazda, unless explicitly stated otherwise. We cannot confirm their suitability, and Mazda cannot accept liability for any damage resulting from the use of such products.

Customer Information Warranty

WARNING

Exercise utmost caution when choosing and fitting additional electrical accessories (e.g. mobile phones, two-way radios, audio systems, and vehicle alarm systems):

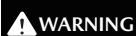
Selecting unsuitable accessories or employing improper installation, including the use of an unqualified installer, is highly dangerous. It may damage critical systems, potentially resulting in electric drive system failure, unintended SRS airbag deployment, ABS/TCS/DSC malfunctions, or even a vehicle fire. Mazda accepts no liability for any fatalities, injuries, or costs arising from the installation of non-Mazda parts or accessories.

Customer Information

Cell Phones

Cell Phones Warning

▼ Cell Phones Warning



Please comply with the legal regulations concerning the use of communication equipment in vehicles in your country:

Use of any electrical devices such as cell phones, computers, portable radios, vehicle navigation or other devices by the driver while the vehicle is moving is dangerous. Dialing a number on a cell phone while driving also ties-up the driver's hands. Use of these devices will cause the driver to be distracted and could lead to a serious accident. Pull off the right-of-way to a safe area before use. If use of a cell phone is necessary despite this warning, use a hands-free system to at least leave the hands free to drive the vehicle. Never use a cell phone or other electrical devices while the vehicle is moving and, instead, concentrate on the full-time job of driving.

Customer Information

Event Data Recorder System

Event Data Recorder System

▼ Event Data Recorder (EDR)

This vehicle is equipped with an Event Data Recorder, referred to as EDR.

The EDR controller is located within the airbag control unit.

To read the data recorded by the EDR, physical access to the vehicle or the EDR controller is required.

Our company will not disclose data recorded by the EDR to third parties, except in the following situations:

- With the consent of the vehicle owner or lessee;
- Upon official request from courts, or government agencies;
- For use by our company in legal proceedings.

If necessary, data recorded by the EDR will be used for:

- Vehicle safety performance research and development;
- Disclosing data to third parties for research and development purposes without revealing information about the vehicle owner or their vehicle.

There are the following methods available for reading EDR data:

When Authorised to use the vehicle or EDR, professional service personnel (we recommend an Authorised Mazda Repairer) use a dedicated

diagnostic device or a third party with professional equipment (such as law enforcement) to connect to the standard vehicle on-board diagnostic system (OBD) for reading. In this case, data is provided through standardized data retrieval records; if access through OBD is not possible, consult an expert repairer (we recommend an Authorised Mazda Repairer).

NOTE

For a detailed explanation of the meanings of the data items recorded by the EDR, and the event recording and overwriting mechanisms, Please view the UN-R106 & Reg. (EU) 2022/545 EDR (Event Data Recording) System.

Customer Information

Declaration of Conformity

Declaration of Conformity

▼ Vehicle Definition

The "e" in the model designation indicates that the vehicle has an electrified powertrain.

▼ RF Identification

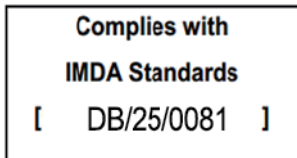
Thailand:



Australia:



Singapore:



Malaysia:



Customer Information Declaration of Conformity

▼ Bluetooth® Key

Europe:

Foryou Multimedia Electronics Co., Ltd.
No.1, North Shangxia Road, Dongjiang Hi-tech Industry Park, Huizhou, Guangdong, P.R. China

EU Declaration of Conformity (DoC)

No.20251202001

Hereby we,

Company name : Foryou Multimedia Electronics Co., Ltd.
Address : No.1, North Shangxia Road, Dongjiang Hi-tech Industry Park, Huizhou, Guangdong,
P.R. China

declare that this DoC is issued under our sole responsibility and that this product:

Product name : CONTROLLER-REMOTE
Model(s) : DBA11CA02A,DBA11CM04B,DBA11CM04C,DBA11CM04D,DBA11CM04F,DBA11CM04H,DBA11CM04G,DBA11CM04J
Trademark : MAZDA

is in conformity with the requirements of the following EU Directives:

Directive 2014/53/EU on the harmonization of the laws of the Member States relating to the making available on the market of radio equipment.

Standards References

The following harmonized standards and normative documents are those to which the product's conformance is declared, and by specific reference to the essential requirements of the referenced Directives:

Article 3.1(a) EN IEC 62368-1:2020+A11:2020
(Safety & Health) EN 62479:2010

Article 3.1(b) ETSI EN 301 489-1 V2.3.3: 2019
(EMC) ETSI EN 301 489-17 V3.2.4: 2020

Article 3.2
(Radio Spectrum) ETSI EN 300 328 V2.2.2: 2019

Signed for and on behalf of Foryou Multimedia Electronics Co., Ltd.

Signature:

Name: Li Wei
Official Capacity: Certificate Engineer
Email Address: liwei1@adayome.com
Date: 2025-12-02

Customer Information Declaration of Conformity

Supplier's declaration of conformity



This is the Australian Communications and Media Authority (ACMA) approved form for a declaration of conformity under the following legislative instruments:

- > Radiocommunications Equipment (General) Rules 2021
- > Radiocommunications Labelling (Electromagnetic Compatibility) Notice 2017

This is a sample form for a declaration of conformity under the Telecommunications (Labelling Notice for Customer Equipment and Customer Cabling) Instrument 2015.

Instructions for completion

Do not return this form to the ACMA. This completed form must be retained by the supplier as part of the documentation required for the compliance records. However, it must be made available for inspection by the ACMA when requested.

Supplier's details (manufacturer, importer or authorised agent)

Company Name (or individual)

BONDAU PTY LTD

TRADING AS: BONDAU PTY LTD

ACN168881

888544490

OR

New Zealand ICDN

Street Address

56 Buffalo Road Gladstone, New South Wales Australia

POSTCODE 2111

Customer Information

Declaration of Conformity

Product details and date of manufacture

The Responsible Supplier supplies the following Low Risk (Level 1) Equipment in Australia and New Zealand:

Product description – brand name, type, current model, lot/batch or serial number (if available), software/firmware version (if applicable)

Product Equipment	CONTROLLER-REMOTE
Model Number	DBA11CM02A, DBA11CM04B, DBA11CM04C, DBA11CM04D, DBA11CM04E, DBA11CM04F, DBA11CM04G, DBA11CM04H, DBA11CM04I, DBA11CM04J
Trade Name	MAZDA
Rating	14.5Vdc, 30mA Class III
Date of manufacture	July 2025

Compliance – applicable standards and other supporting documents

Evidence of compliance with applicable standards may be demonstrated by test reports, endorsed accredited test reports, certification or competent body statements.

Having had regard to these documents, I am satisfied the above-mentioned product complies with the requirements of the relevant ACMA standards made under the Radiocommunications Act 1992 and/or the Telecommunications Act 1997.

List these documents including details of the standard title, number and, if applicable, number of the test report/endorsed test report or certification/competent body statement.

Standard(s)	ETSI EN 301 489-1 V2.2.3 (2016-11), ETSI EN 301 489-17 V3.2.4 (2024-09), ETSI EN 300 226 V2.2.2 (2016-07), EN 52178-2:2010 IEC 62268-1:2018
Tested by	BlueAsia Technical Services (Shenzhen) Co., Ltd
Report No.	BLA-B-EMC-202506-A6101BLA-B-EMC-202506-A6102BLA-B-EMC-202506-A6103BLA-S-202404-A34-2

Declaration

I hereby declare that:

- I am authorised to make this declaration on behalf of the Company mentioned above
- the contents of this form are true and correct
- the product mentioned above complies with the applicable above mentioned standards and all products supplied under this declaration will be identical to the product identified above
- I understand that giving false or misleading information is a serious offence

The Responsible Supplier's ABN/AFD number has been submitted. I am a person who has been authorised to make this declaration on behalf of the Responsible Supplier. All Equipment supplied is electrically safe and will continue to meet relevant standards or in the absence of a specific Australian or New Zealand Standard AS/NZS 3820, All Equipment supplied complies with the EES's and relevant electrical safety laws. Supply flexible cords and plugs of the required level 2 components permanently attached to the equipment have a current certificate of conformity for Australia and New Zealand. Level 2 components permanently attached to the equipment have a current compliance folder.

Note: It is an offence to knowingly provide false or misleading information to a Commonwealth entity or a person who is exercising powers, performing functions under, or in connection with a law of the Commonwealth. It is an offence to knowingly provide false or misleading information or documents in compliance or purported compliance with a law of the Commonwealth. (See sections 137.1 and 137.2 of the Criminal Code Act 1995)

Penalty: 12 months imprisonment

 SIGNATURE OF SUPPLIER OR AGENT	POSITION IN ORGANISATION Managing Director
PRINT NAME: Gavine	DATE: August 7, 2025

The Privacy Act 1988 (OIA) (the Privacy Act) imposes obligations on the ACMA in relation to the collection, security, quality, access, use and disclosure of personal information. These obligations are detailed in the Australian Privacy Principles.

The ACMA may only collect personal information if it is reasonably necessary for, or directly related to, one or more of the ACMA's functions or activities.

The purpose of collecting the personal information in this form is to ensure the supplier is identified in the 'declaration of conformity'. If this declaration of conformity is not completed and the requested information is not provided, a compliance label cannot be applied.

Further information on the Privacy Act and the ACMA's privacy policy is available at www.acma.gov.au/privacy-policy. The privacy policy contains details about how you may access personal information about you that is held by the ACMA, and seek the correction of such information. It also explains how you may complain about a breach of the Privacy Act and how we will deal with such a complaint.

Should you have any questions in this regard, please contact the ACMA's privacy contact officer on telephone on 1800 226 667 or by email at privacy@acma.gov.au.

ACMA form - G2

Page 3 of 3

May 2023

ESB025

Customer Information Declaration of Conformity

Thailand:



สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
Office of The National Broadcasting and Telecommunications Commission

แบบฟอร์ม "แบบรับรองตนเองของผู้ประกอบการ" (Supplier's Declaration of Conformity : SDoC)
เลขที่ (SDoC No.): SD01347-26 ลงวันที่ 24 กุมภาพันธ์ 2569

สำนักงาน กสทช. ได้รับแบบรับรองตนเองผู้ประกอบการ (SDoC)

ของบริษัท มาด้า เซลส์ (ประเทศไทย) จำกัด

จึงได้ ทำการยื่นขอรับรองตนเองเครื่องโทรคมนาคมและอุปกรณ์ ดังนี้

รายการที่ยื่นรับรอง	
ประเภท	CONTROLLER-REMOTE
ตราฮักร	Mazda
แบบรุ่น	DBA11CM04G (GJLF66AL0)

ลงนาม

(นายอัมพร ตีลิกเจริญ)

ผู้อำนวยการสำนักงานเทคโนโลยีและมาตรฐานโทรคมนาคม

เงื่อนไขการยอมรับแบบรับรองตนเองผู้ประกอบการ

1. แบบรับรองรับแจ้งตราว่าผู้ประกอบการได้ทำการรับรองตนเองว่าเครื่องโทรคมนาคมและอุปกรณ์ คร่าฮักรและแบบรุ่นดังกล่าวมีความสอดคล้องในการอนุญาตของ กสทช.
2. ผู้ประกอบการต้องไม่ดัดแปลงเครื่องโทรคมนาคมและอุปกรณ์ให้ผิดแยกจากที่ระบุไว้ในเอกสารแสดงลักษณะทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ ที่ได้ขอรับรองตนเองไว้กับสำนักงาน กสทช.
3. ผู้ประกอบการจะต้องปฏิบัติตามประกาศ กสทช. เรื่อง การตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์โดยเคร่งครัด



Signed by สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
Office of The National Broadcasting and Telecommunications Commission
Date 2025-02-24T16:03:55.861+07:00

สำนักงานคณะกรรมการการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

แบบรับรองตนเองของผู้ประกอบการ
(Supplier's Declaration of Conformity)

สำนักงานไม่ถือเป็นความลับ ไม่ควรเผยแพร่
SDD 500.1347-26
วันที่ 24 กุมภาพันธ์ 2569

๑. รายละเอียดของผู้ประกอบการ

๑.๑ ชื่อหน่วยงาน บริษัท นาคต้า เซลส์ (ประเทศไทย) จำกัด
๑.๒ ที่อยู่ 1319 ถนนพลา พาวเวอร์, ชั้น 19, ถนนสุขุมวิท แขวงพระโขนงเหนือ เขตวัฒนา กรุงเทพมหานคร 10110

๒. รายละเอียดของเครื่องโทรคมนาคมและอุปกรณ์

๒.๑ ประเภท/ชนิดของเครื่องโทรคมนาคมและอุปกรณ์ CONTROLLER-REMOTE	
๒.๒ คราซีอาร์ (brand name) Mazda	๒.๓ แบบ/รุ่น (model) DBA11CM04G (GJLF66ALD)
๒.๔ มาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคที่แสดงความปลอดภัย - ประกาศ กสท. เรื่อง หลักเกณฑ์การขึ้นทะเบียนและขึ้นเครื่องวิทยุคมนาคมที่อนุญาตให้มีการใช้งานบริการทั่วไป (ใช้บังคับกับใบอนุญาตวิทยุ 16 ท. จำนวนภาค ค. 1)	

ข้าพเจ้าขอรับรองว่า เครื่องโทรคมนาคมและอุปกรณ์ข้างต้น มีความสอดคล้องตามพิธีอนุญาตใช้งานมาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคของสำนักงานคณะกรรมการการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

๓. เอกสารหลักฐานประกอบการรับรองตนเอง		
1) Test report	ลงชื่อ	
2) รูปสินค้าที่ส่งให้ต้นว่า DBA11CM04G/GJLF66ALD คือชิ้นเดียวกัน		
3) EU Declaration of Conformity		
4) Model Confirmation Letter		
5) ชื่อและชื่อเอกสารที่ใช้ Test report name ไม่ตรงกับที่ยื่นขึ้นทะเบียน	ตำแหน่ง	
6) Test report no. BLA-B-EMC-202506-AB102		
7) Technical Specifications_GJLF66ALD		
	วันที่	10 กุมภาพันธ์ พ.ศ. 2569

ผู้ประกอบการจะต้องจัดส่งแบบรับรองตนเองเพื่อการกระจายเสียงและกิจการโทรคมนาคมด้วยแบบบูรณาการ ให้สำนักงานฯ และบริษัทฯ สำนักงานประกอบหรือผู้ประกอบการที่ประกอบกิจการโทรคมนาคม เพื่อประกอบการตรวจสอบและพิจารณาของสำนักงานฯ ตามมาตรฐานกำกับดูแลเครื่องโทรคมนาคมและอุปกรณ์ภายหลังการตรวจสอบและขึ้นทะเบียนมาตรฐาน และตามกฎหมายอื่น ๆ (ถ้ามี)



Customer Information Declaration of Conformity

Singapore:

7STARS CONSULTANCY PTE. LIMITED
14 ROBINSON ROAD
#08-01A FAR EAST FINANCE BUILDING
SINGAPORE 048545

Attn: MR LIM YONG TUCK

Dear Sirs,

EQUIPMENT REGISTRATION UNDER TELECOMMUNICATIONS (DEALERS) REGULATIONS

Registration Number: ESER/25/4272

We acknowledge that the equipment listed below has been registered with the Information Communications Media Development Authority under regulation 20(6) of the Telecommunications (Dealers) Regulations (Cap 323, Rg 6) (the "Dealers Regulations") and approved for sale in Singapore. Your attention is drawn to the relevant provisions and requirements of the Dealers Regulations described below.

Declared Equipment Information

Brand/Trade Name:	MAZDA
Model Name/No.:	DBA11CM04G
Equipment Description:	CONTROLLER-REMOTE
IMDA Spec. No.:	IMDA TS SRD
Equipment Category:	Private Mobile Radio
Equipment Type:	BLUETOOTH
Frequency Band (Maximum Radiated Power /Field Strength):	2.4000 - 2.4835 GHz (<= 100 mW (e.i.r.p.))
Date of Registration:	17 Jul 2025
Date of Expiry:	30 Jun 2030

Note: This is a system generated email. Please do not reply to it. For queries, please email equipment_reg_dealers@imda.gov.sg.



www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438

@IMDAsg | #IMDDigitalArchitect

Customer Information

Declaration of Conformity

Information on Equipment Registration for Complex/Multi-Line Equipment or Short Range/ Low Power Devices

1. IMDA may require the equipment supplier to submit test results or evidence of equipment certification as proof of conformity with the applicable IMDA Technical Specification(s) [Regulation 20(5) of the Dealers Regulations]
2. Equipment registration under regulation 20(6) shall be valid for a period of 5 years. [Regulation 20(6) of the Dealers Regulations]
3. The registration may be renewed for periods not exceeding 5 years upon an application being made to IMDA. [Regulation 20(7) and 20(7A) of the Dealers Regulations]
4. Any modification to the registered equipment may require a re-submission. [Regulation 20(8) of the Dealers Regulations]
5. No false or misleading information shall be furnished to IMDA for the purpose of obtaining any equipment registration or renewal of registration. [Regulation 21(1) of the Dealers Regulations]
6. Any registration or renewal of registration granted as a result of submission of false or misleading information shall be null and void. [Regulation 21(2) of the Dealers Regulations]
7. Any person who contravenes regulation 21(1) and submits false or misleading information shall be guilty of an offence. [Regulation 24 of the Dealers Regulations]



www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438

@IMDAsg | #IMDigitalArchitect

Customer Information Declaration of Conformity

7STARS CONSULTANCY PTE. LIMITED
14 ROBINSON ROAD
#08-01A FAR EAST FINANCE BUILDING
SINGAPORE 048545

Attn: MR LIM YONG TUCK

Dear Sirs,

EQUIPMENT REGISTRATION UNDER TELECOMMUNICATIONS (DEALERS) REGULATIONS
Registration Number: ESER/25/4273

We acknowledge that the equipment listed below has been registered with the Information Communications Media Development Authority under regulation 20(6) of the Telecommunications (Dealers) Regulations (Cap 323, Rg 6) (the "Dealers Regulations") and approved for sale in Singapore. Your attention is drawn to the relevant provisions and requirements of the Dealers Regulations described below.

Declared Equipment Information

Brand/Trade Name:	MAZDA
Model Name/No.:	DBA11CM04J
Equipment Description:	CONTROLLER-REMOTE
IMDA Spec. No.:	IMDA TS SRD
Equipment Category:	Private Mobile Radio
Equipment Type:	BLUETOOTH
Frequency Band (Maximum Radiated Power	2.4000 - 2.4835 GHz (<= 100 mW (e.i.r.p.))
/Field Strength):	
Date of Registration:	17 Jul 2025
Date of Expiry:	30 Jun 2030

Note: This is a system generated email. Please do not reply to it. For queries, please email equipment_reg_dealers@mda.gov.sg



www.imda.gov.sg
10 Pasir Panjang Road, #02-01 Mapletree Business City, Singapore 117438

@IMDAsg | #IMDigitalArchitect

Customer Information

Declaration of Conformity

Information on Equipment Registration for Complex/Multi-Line Equipment or Short Range/ Low Power Devices

1. IMDA may require the equipment supplier to submit test results or evidence of equipment certification as proof of conformity with the applicable IMDA Technical Specification(s) [Regulation 20(5) of the Dealers Regulations]
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Customer Information Declaration of Conformity

Indonesia:



PEMERINTAH REPUBLIK INDONESIA

PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA SERTIFIKAT ALAT DAN/ATAU PERANGKAT TELEKOMUNIKASI PB-UMKU: 812010993285900000062

Pemerintah Republik Indonesia menerbitkan Perizinan Berusaha Untuk Menunjang Kegiatan Usaha (PB-UMKU), yang merupakan Sertifikat Alat dan/atau Perangkat Telekomunikasi kepada Pelaku Usaha berikut ini:

- | | |
|--|---|
| 1. Nama Pelaku Usaha | : PT EUROKARS MOTOR INDONESIA |
| 2. Nomor Induk Berusaha (NIB) | : 8120109932859 |
| 3. Alamat Kantor | : Jalan Teuku Nyak Arief nomor 8D, Desa/Kelurahan Orogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta
Kode Pos: 12220 |
| 4. Status Penanaman Modal | : Penanaman Modal Asing (PMA) |
| 5. Kode Klasifikasi Baku Lapangan Usaha Indonesia (KBLI) | : 46101 - Perdagangan Besar Mobil Baru |
| 6. Lokasi Usaha | : Jalan Teuku Nyak Arief No. 8D Desa/Kelurahan Orogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta
Kode Pos: 12220 |

Telah Memenuhi Persyaratan:

1. Persyaratan umum:
 - a. Laporan Hasil Uji (LHU) atau test report yang diterbitkan oleh balai uji dalam negeri yang telah ditetapkan atau balai uji luar negeri yang diakui oleh menteri yang menyelenggarakan urusan pemerintahan di bidang komunikasi dan informatika;
 - b. dokumen spesifikasi teknis alat dan/atau perangkat telekomunikasi;
 - c. deklarasi kesesuaian (Declaration of Conformity) terhadap standar teknis alat dan/atau perangkat telekomunikasi yang ditandatangani oleh pemohon;
 - d. foto berwarna alat dan/atau perangkat telekomunikasi yang menampilkan data merek dan model tipe Alat dan/atau perangkat telekomunikasi;
 - e. menyatakan bahwa data dan dokumen yang disampaikan adalah benar dan valid; dan
 - f. melunasi biaya sertifikat alat dan/atau perangkat telekomunikasi.
2. Persyaratan khusus:
 1. khusus untuk alat dan/atau perangkat telekomunikasi berupa penguat sinyal (repeater/booster) sistem komunikasi bergerak seluler, melampirkan surat perjanjian kerja sama dengan penyelenggara jaringan bergerak seluler Indonesia;
 2. khusus untuk alat dan/atau perangkat telekomunikasi berupa telepon/ modem satelit, melampirkan surat perjanjian kerja sama dengan penyelenggara telekomunikasi Indonesia yang menyediakan layanan telepon/ modem satelit;
 3. khusus untuk alat dan/atau perangkat telekomunikasi pesawat telepon seluler, komputer genggam, dan komputer tablet, melampirkan surat deklarasi jaminan keamanan International Mobile Equipment Identity (IMEI) dan daftar IMEI yang disetujui oleh Global System for Mobile Communications Association (GSMA) atau sejenisnya;
 4. khusus untuk permohonan sertifikat alat dan/atau perangkat telekomunikasi yang diajukan oleh badan usaha Indonesia yang ditunjuk sebagai perwakilan atau distributor resmi oleh pemilik merek yang berkedudukan di luar wilayah Negara Kesatuan Republik Indonesia, melampirkan surat penunjukan sebagai perwakilan atau distributor resmi dari pemilik merek;
 5. khusus untuk permohonan sertifikat alat dan/atau perangkat telekomunikasi yang diajukan oleh pemilik merek yang berbadan hukum Indonesia, melampirkan dokumen yang menunjukkan pemenuhan ketentuan peraturan perundang-undangan yang terkait kepemilikan merek dari menteri yang menyelenggarakan urusan pemerintahan di bidang hukum dan hak asasi manusia; dan
 6. khusus untuk alat dan/atau perangkat telekomunikasi yang diwajibkan memenuhi ketentuan terkait perindustrian, melampirkan dokumen yang menunjukkan pemenuhan ketentuan peraturan perundang-undangan yang terkait alat dan/atau perangkat telekomunikasi dari menteri yang menyelenggarakan urusan pemerintahan di bidang perindustrian.

1. Dokumen ini diterbitkan sistem OSS berdasarkan data dan dokumen yang terlampir dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.
2. Dalam hal terjadi kekhawatiran isi dokumen ini akan dilakukan pertaltian sebagaimana mestinya.
3. Dokumen ini akan diarsipkan secara elektronik menggunakan sistem elektronik yang diterbitkan oleh esrp-pssn.
4. Data lengkap Perizinan Berusaha dapat diperoleh melalui sistem OSS menggunakan hak akses.



Customer Information Declaration of Conformity

Lampiran Perizinan Berusaha Untuk Menunjang Kegiatan Usaha ini memuat data teknis yang merupakan bagian tidak terpisahkan dari dokumen ini. Pelaku Usaha tersebut di atas wajib menjalankan kegiatan usahanya sesuai dengan ketentuan perundang-undangan yang berlaku.

Diterbitkan tanggal: 10 September 2025

a.n. Menteri Komunikasi dan Digital
Menteri Investasi dan Hilirisasi/
Kepala Badan Koordinasi Penanaman Modal,



Ditandatangani secara elektronik

Dicetak tanggal: 19 September 2025

1. Dokumen ini diterbitkan sistem OSS berdasarkan data dari Pelaku Usaha, tersimpan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.
2. Dalam hal terjadi kekeliruan isi dokumen ini akan dilakukan perbaikan sebagaimana mestinya.
3. Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSN-BSSN.
4. Data engkap Perizinan Berusaha dapat diperoleh melalui sistem OSS menggunakan hak akses.



Badan
Sertifikasi
Elektronik

Customer Information Declaration of Conformity



PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT TELEKOMUNIKASI DAN/ATAU PERANGKAT TELEKOMUNIKASI
LAMPIRAN PB-LIMKU : 81201099328590000062

Lampiran di bawah ini memuat data teknis Alat Telekomunikasi dan/atau Perangkat Telekomunikasi :

		SERTIFIKAT / CERTIFICATE NOMOR / NUMBER : 114349IDJID/2025	
Nama Perangkat Name of Equipment : CONTROLLER-REMOTE		Diajukan Oleh Applied by : PTEUROKARS MOTOR INDONESIA	
Merek Trade Mark : MAZDA		Alamat Address : Jalan Teuku Nyak Arief nomor 9D, Desa/Kelurahan Grogol Selatan, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta, Kode Pos: 12220	
Tipe Type : DBA11CM04G		PLG ID Client's ID : 8032	
Buatan Country of Origin : China		Tanggal Terbit Date of issue : 19 September 2025	
Referensi Reference : KEPMEN KOMINFO NOMOR 260 TAHUN 2024			
Frekuensi Kerja Operating Frequencies : Bluetooth Bluetooth		Frekuensi Daya Pancar : 2.4 GHz - 2.4835 GHz : < 100 mWatt	
 Ditandatangani secara Elektronik oleh Menteri Komunikasi dan Informatika RI di Jakarta, 19 September 2025 https://pertidaksi.go.id/			

1. Dokumen ini diterbitkan dalam CD/D berdasarkan data dari Pribadi Usaha, berdasarkan data dari CD/D, yang menjadi tanggung jawab Pribadi Usaha.
2. Dokumen ini terdapat informasi di dokumen ini akan diberikan informasi yang diperlukan.
3. Dokumen ini akan diterbitkan secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSN-B2N.
4. Data yang tertera di atas adalah data yang benar dan sesuai dengan kenyataan yang ada.



Customer Information Declaration of Conformity

Malaysia:



CERTIFICATE OF CONFORMITY

Type Approval Code: RICA/09A/1025/S(25-5223)
Application Number: SQAS/TA/25/5223

This certificate is granted to
BERMAZ MOTOR TRADING SDN. BHD.
NO 7, JALAN PELUKIS U1/46 TEMASIA INDUSTRIAL PARK SEKSYEN U1 40150 S.SALAM, SELANGOR

It is hereby certified that
MODEL: DBA11CM04G
MARKETING NAME: DBA11CM04G
BRAND: MAZDA

For device category
VEHICLE CONTROLLER (HYBRID AUTOMOTIVE)

Product Features:
Bluetooth [2400 MHz - 2483.5 MHz]

Approval Date: 09 October 2025
Expiry Date: 08 October 2030

This device has been granted Type Approval for its communication and wireless features pursuant to the Communications and Multimedia Act 1998 and the technical standards regulations 2000. Compliance with all other applicable Malaysian regulations is mandatory, where relevant.



Certificate Number: 221390



Ts. Md. Adha bin Katni @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.



ACB 001

SIRIM QAS International Sdn. Bhd. (Company No. 410334-X) 1, Persiaran Datar Menteri Section 3, P.O. Box 7035, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Telephone: 603-5566-6500 Fax: 603-5566-6810

Customer Information Declaration of Conformity



CERTIFICATE OF CONFORMITY
Type Approval Code: RICA/09A/1025/S(25-5223)
Application Number: SQAS/TA/25/5223

MODEL: DBA11CM04G
MARKETING NAME: DBA11CM04G
BRAND: MAZDA

Complies to
TECHNICAL CODE
MCMC MTSFB TC T007:2020

Approval Date: 09 October 2025
Expiry Date: 08 October 2030

This device has been granted Type Approval for its communication and wireless features pursuant to the Communications and Multimedia Act 1998 and the Technical Standards Regulations 2000. Compliance with all other applicable Malaysian regulations is mandatory, where relevant.



Certificate
Number:
ZZ1390



Ts. Md. Adha bin Katni @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.



**STANDARDS
MALAYSIA
ACCREDITED**
AQB 001

SIRIM QAS International Sdn. Bhd. (Company No. 410234-K) 1, Persiaran Datar Mentari Section 2, P.O. Box 7035, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Telephone: 603 6644 6000 Fax: 603 6644 6010

Customer Information Declaration of Conformity

▼ Front Radar Sensor System

Europe (All countries excluding UK):



Certificate Number	T.2022.01.0005
Certificate Holder	Robert Bosch GmbH
Certificate Holder Address	Daimlerstrasse 6 71229 Leonberg Germany
Product Model Name	F5CP12
Product Description	Front Radar Gen5 Car Plus Version 1/22
Manufacturer (if different from Certificate Holder)	
Type Examination Certificate	In accordance with Annex III of Council Directive 2014/53/EU, Radio Equipment Directive (RED), and the mutual recognition of their conformity we give our opinion that the submitted documentation for the apparatus identified above complies with the requirements of the directive in the scope stated below.
Marking	The apparatus shall be marked with the CE mark as required by the Council Directive 2014/53/EU.
Validity	The conformity stated in this EU-Type Examination Certificate is provided until the assessed type of equipment or the standard(s) has(have) undergone changes or modifications but not later than 10 years after the issue date of this certificate.
Annex	The certificate is only valid together with the annex.

Conformity Assessment

Essential Requirement	Examined Documentation	Result
Safety	Technical Documentation	conform
RED, Article 3.1a		
Health	Technical Documentation	conform
RED, Article 3.1a		
EMC	Technical Documentation	conform
RED, Article 3.1b		
Radio Spectrum	Technical Documentation	conform
RED, Article 3.2		

CE 2784

St. Ingbert, 21.02.2022
Place, issue date


Authorized Signature

KL-Certification GmbH
Heinrich-Hertz-Allee 7
06366 St. Ingbert, Germany
<https://www.kl-certification.de>

Authorized by the German Government to act as a
Notified Body in accordance with the RE Directive
2014/53/EU

Page: 1 of 3



EU-Type Examination Certificate

 Bureau

DNV-A-4S-1851-64

Customer Information

Declaration of Conformity



Annex



EU-Type Examination Certificate

Product Characteristics

Brand Name	Bosch
Hardware Version	0203.3BB.069-01 (C35.3) (back connector) 0203.3BB.070-01 (C35.3) (side connector)
Software Version	3037609608_pre
Operating Frequency	76 ~ 77 GHz
Output Power	30.16 dBm (peak)
Antenna	Internal Antenna(s)
Temperature	-40°C - +85°C

Evaluated Test Reports

Essential Requirement	Examined Documentation
Safety	
RED, Article 3.1a	DIN EN 62368-1:2014/AC:2015/A11:2017 Report-No.: 21055526-20541-0 Issued by IBL-Lab GmbH
Health	
RED, Article 3.1a	DIN EN 62311 VDE 0848-211:2008-09 Report-No.: 21055526-20540-0 Issued by IBL-Lab GmbH
EMC	
RED, Article 3.1b	ETSI EN 301 489-01 V2.2.3, ETSI EN 301 489-51 V2.1.1 Report-No.: 21055526-20539-0 Issued by IBL-Lab GmbH
Radio Spectrum	
RED, Article 3.2	ETSI EN 301 091-1 V2.1.1 Report-No.: 21055526-20543-0 Issued by IBL-Lab GmbH

Limitations / Restrictions

- RF Exposure was calculated with a separation distance of 20 cm.
- The assessed Technical Construction File is part of the application.

Notes

- Changes / Amendments of the specified regulations and standards during the validity of this certificate require a re-assessment of the product before placement on the market.
- The manufacturer is obliged to take all necessary measures to ensure ongoing conformity of the manufactured product with the approved type as described in this certificate and the requirements of Directive 2014/53/EU.

KL-Certification GmbH
Heinrich-Hertz-Allee 7
66386 St. Ingbert, Germany
<https://www.kl-certification.de>

Authorized by the German Government to act as a
Notified Body in accordance with the RE Directive
2014/53/EU

Page: 2 of 3

Bundesnetzagentur

BNRZA-15-18/05-04

Customer Information

Declaration of Conformity



Annex



- The CE mark shall be affixed to each item of radio equipment that is in conformity with the type described in this certificate and that satisfies the applicable Directive requirements.
- A copy of the Declaration of Conformity drawn up by the manufacturer for each radio equipment type shall be made available to the relevant authorities and must be kept at their disposal for at least 10 years after the radio equipment has been placed on the market.

EU-Type Examination Certificate

KL-Certification GmbH
Heinrich-Hertz-Allee 7
66386 St Ingbert, Germany
<https://www.kl-certification.de>

Authorized by the German Government to act as a
Notified Body in accordance with the RE Directive
2014/53/EU

Page: 3 of 3



Customer Information
Declaration of Conformity

UK:



DECLARATION OF CONFORMITY

Robert Bosch GmbH
Postfach 16 01
71226 Leonberg
Visitor:
Caimlerstraße 6
71229 Leonberg
Tel 07141 811-0
www.bosch.com

ITA.BoschRadar@de.bosch.com

2024-03-27

In accordance with UK Government guidance.

We declare under our sole responsibility that our product,

Model name
F5CP12
Type of device
Automotive Motion Sensor
Hardware version
0203.3BB.069-01 (C35.3) (connector back) ,0203.3BB.070-01 (C35.3) (connector side) 02033BB454-01 (CP23)
Software version
1037609608_pre

Registered Office: Stuttgart, Registration Court: Amtsgericht Stuttgart, HRB 14000;
Chairman of the Supervisory Board: Prof. Dr. Stefan Asenkerschbaumer; Managing Directors: Dr. Stefan Hartung;
Dr. Christian Fischer, Filiz Albrecht, Dr. Markus Förschner, Dr. Markus Heyn, Rolf Najork
F5CP12_UK_DoC_20240327.docx

Customer Information

Declaration of Conformity



2024-03-27
Page 2 of 3

Notified body
KL-Certification GmbH Heinrich-Hertz-Allee 7 86388 St. Ingbert, Germany EU NB Identification Number 2784 EU Type Examination Certificate Number: T.2023.11.0003 Assessed RED articles: 3.1b, 3.2 Date: 2023-12-13, Valid until: 2033-12-12

is in conformity with the relevant UK Statutory Requirements (and their amendments):

The Radio Equipment Regulations 2017 (SI 2017/1206).

The following standards were applied when carrying out the conformity assessment:

Standard	Title	Regulation
DIN EN 62368-1:2014 / AC:2015 / A11:2017	Audiovideo, information and communication technology equipment – Part 1: Safety requirements Report: 21055526-20541-0	5(1)(a)
DIN EN 62311 VDE 0848-211:2008-09	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz – 300 GHz) (IEC 62311:2007, modified); Report: 21055526-20540-0	6(1)(a)
ETSI EN 301 489-01 V2.2.3	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard covering the essential requirements of article 3.1 (b) of Directive 2014/53/EU and the essential requirements of article 5 of Directive 2014/50/EU Reports: 21055526-20539-0, 23018362-32579-0	6(1)(b)
ETSI EN 301 489-51 V2.1.1	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 51: Specific conditions for Automotive, Ground based Vehicles and Surveillance Radar Devices using 24,05 GHz to 24,25 GHz, 24,05 GHz to 24,5 GHz, 76 GHz to 77 GHz and 77 GHz to 81 GHz; Harmonised Standard covering the essential requirements of article 3.1 (b) of Directive 2014/53/EU Reports: 21055526-20539-0, 23018362-32579-0	6(1)(b)

F5CP12_UK_DoC_20240327.docx

Customer Information
Declaration of Conformity



2024-03-27
Page 3 of 3

Standard	Title	Regulation
EN 301 091-1 V2.1.1	Short Range Devices; Transport and Traffic Telematics (TTT); Radar equipment operating in the 76 GHz to 77 GHz range; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 1: Ground based vehicular radar Reports: 21055526-20543-0, 23018362-32576-0	6(2)
EN 303 396 V1.1.1	Short Range Devices; Measurement Techniques for Automotive and Surveillance Radar Equipment Reports: 21055526-20543-0, 23018362-32576-0	6(2)
Assessment	231019 F5CP12_RE-D_Riskassessment.pdf	

Leonberg,
2024-03-27

Author:
XC-AC/ERI1 Rb

i.v.
i.v.
Sven Jordan
Director XC-AC/ERT

ROBERT BOSCH GMBH
Postfach 18 69 • D-71229 Leonberg
Daimlerstraße 6 • D-71229 Leonberg
i.v.
Lukas Wassermann
Director XC-AC/ERI

Customer Information

Declaration of Conformity

Australia:

Cross-Domain Computing Solutions



From
XC-DX/ESR1

Our Reference
Robert Binder

Tel
+49 711 811-27411

Leontberg
15 December 2023

Statement of variance

Issue 0.1

Topic **Radio Type Approval – Australia (ACMA)**

Description Modifications to any device intended for operation in Australia must be documented via a statement of variance which is to be stored together with the original supplier's declaration of conformity with RBAU.

Supplier's details

Company Name

Robert Bosch (Australia) Pty LTD

ACN/ARBN

004 315 628

Street Address

1555 Centre Road

Clayton, Victoria

POSTCODE 3168

Phone: +61 3 9541 555

Device Details: BOSCH F5CP12

Variant Details: CP23

As required by the following Notices:

- General Rules 2021 (the General Equipment Rules)
- Radiocommunications Devices (Compliance Labelling – Devices) Notice 2014

Description of differences between device and variant

Changes on the digital electronics side (non-RF side):

- Introduction of second source components, removal of redundant components
- Reduction of PCB layers, second source PCB supplier introduction.
- Pad design change in uC area.

No changes on the RF part.

Explanation of how differences mentioned above do not affect the variant's conformity with the applicable standard

Customer Information Declaration of Conformity

Cross-Domain Computing Solutions



From
XC-DX/ESR1

Our Reference
Robert Binder

Tel
+49 711 811-27411

Leunberg
15 December 2023

Report
Issue
Topic

No changes to the RF behaviour were expected due to the applied changes. To verify the variants compliance new tests were performed according to the applicable standards, see below

Compliance – applicable standards and other supporting documents

Telecommunications Requirement – F2018C00904
-> Does not apply as radar sensor not connected to telecommunications network
Radiocommunications (EME/EMR) Requirement – F2021L01568
-> EN Health Test Report: the original EN health test report is still valid as the RF power remains the same as before.
Radiocommunications (EMC) Requirement – F2021C01287
-> exempt according to Schedule 2, point 9
Radiocommunications (RF) Requirement – F2021C01208
EN RF Test Report: 23018362-32576-0 (2023-09-25) by IBL-Lab GmbH

Declaration

I hereby declare that:

1. I am authorised to make this statement on behalf of the company mentioned above,
2. the contents of this form are true and correct, and
3. the product mentioned above complies with the applicable above mentioned standards and all products supplied under this statement will be identical to the product identified above.

pki, BOSCH,
APAC, B, L,
Blagoj Spasevski
SIGNATURE

Digitally signed by pki, BOSCH,
APAC, B, L, Blagoj Spasevski
Date: 2023.12.16 09:49:58
+1100

Blagoj Spasevski
PRINT NAME

General Manager
Engineering and Validation
XC/GMM-VRS
POSITION IN ORGANISATION

DATE

Customer Information

Declaration of Conformity

New Zealand:

Chassis Systems Control



Please enter addressee

Robert Bosch GmbH
Postfach 18 61
71228 Leonberg
Vision:
Daimlerstraße 6
71229 Leonberg
Tel 07141 811-0
www.bosch.com

Katrina Velten, XC-DX/ESR1
Tel +49 711 811-37697
lta.boschradar@de.bosch.com

27 January 2022

New Zealand: Automotive Radar: license exempt for series & spare parts

Document Version Nr.: 2.0

To whom it may concern,

General exemption

As described in Section 3 (2) of

*Radiocommunication Regulations (mutual recognition: Australia) Notice
2008, Notice Number 2008-go7355 Issue Number 152, dated 2. October
2008, from the New Zealand Gazette*

3. Exemption requirements –

(2) If:

- (a) a product is of a class to which the Radiocommunications (Radio Standards) Notice 2007 applies, or a notice in replacement thereof; and
- (b) the applicable standard is an ACMA Radiocommunications Standard specified in that notice,

then the product is exempt from the requirement to be the subject of a New Zealand declaration of conformity and to comply with New Zealand labelling requirements, provided the product is declared, labelled and supplied in accordance with the Radiocommunications (Compliance Labelling) Notice 2003, or a notice in replacement thereof, issued by the ACMA under section 182 of the Radiocommunications Act 1992 (Australia).

Registered Office: Stuttgart, Registration Court: Amtsgericht Stuttgart, HRB 14006.
Chairman of the Supervisory Board: Prof. Dr. Stefan Ackenerschbaumer, Managing Directors: Dr. Stefan Hartung,
Dr. Christian Fischer, Filiz Albrecht, Dr. Markus Forschner, Dr. Markus Heyn, Rolf Najork

Customer Information Declaration of Conformity

Chassis Systems Control



Spare parts exemption

As described in Section 3 (b)(ii) of

27 January 2022
Page 2 of 2

Radiocommunications (EMC Standards) Notice 2019, Notice Number 2019-go2972, dated 4. June 2019, from the New Zealand Gazette

3. Scope -

(b) The following products are exempt from the requirement to be the subject of a declaration of conformity and to be labelled:
(ii) a spare part intended for use in replacing parts of a product.

Series parts exemption

As described in Section 3 (b)(i) of

Radiocommunications Regulations (Radio Standards) Notice 2020, Notice Number 2020-go115, dated 29. January 2020, from the New Zealand Gazette

3. Scope -

(b) If a product fits any of the following descriptions, the product is exempt from the requirement to be the subject of a declaration of conformity and to be labelled. The products are
i. short range device (SRD) radio transmitters installed in vehicles at the time of manufacture.

Summary

According to the relevant New Zealand Regulations as listed above, both series and spare parts are exempt from the requirement to be the subject of a New Zealand declaration of conformity and to comply with New Zealand labelling requirements.

In addition, compliance has been declared for the automotive sensors from Robert Bosch GmbH as per the ACMA Self Declaration of Conformity under the Australian Radiocommunications standards.

Yours sincerely,

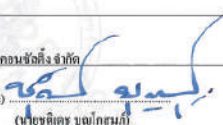
Robert Bosch GmbH
Katrina Velten

Lukas Wassermann
Department Leader XC-DX/ESR
Robert Bosch GmbH

Michael Klar
Department Leader XC-DX/ECR
Robert Bosch GmbH

Customer Information Declaration of Conformity

Thailand:

	
สำนักงานคณะกรรมการการกระจายเสียงวิทยุ โทรทัศน์ และการโทรคมนาคมแห่งชาติ The Office of National Broadcasting and Telecommunications Commission	
หมายเลขการจดทะเบียน (Registration Number): A57008-22	
เครื่องโทรคมนาคมและอุปกรณ์ ดังมีรายละเอียดต่อไปนี้ ได้รับการจดทะเบียนเครื่องหมาย และอุปกรณ์ จากสำนักงานคณะกรรมการการกระจายเสียง วิทยุ โทรทัศน์ และการโทรคมนาคมแห่งชาติ แล้ว	
ตราสินค้า (Brand Name)	: BOSCH
รุ่นแบบ (Model)	: ESCP12
ผู้ยื่นขอจดทะเบียน	: บริษัท กิวเนม คอนซัลติ้ง จำกัด
วันที่ 2 มีนาคม 2565 (Date of Registration)	ลงชื่อ (Signature)  (นายชุตติเดช บุญโกสุณณ์) ผู้ดำเนินการด้านกฎหมายในนามและแทน พวภูธรโทรคมนาคม พนักงวนเจ้าหน้าที่
หมายเหตุ : ไม้ให้ผู้ปฏิบัติงานประจำทดสอบฯ เรียกเก็บค่าธรรมเนียมเพื่อใช้สำหรับอุปกรณ์ระบบรถจักรยานยนต์ (Vehicle Radio) ต่อวันเพียง 25 บาท	
87 ซอยถนนพหลโยธิน 8 แขวงถนนพญาไท เขตพญาไท กรุงเทพมหานคร 10400 โทร 0 2271 6155-60 ต่อ 321 โทรสาร 0 2279 2271	

Customer Information Declaration of Conformity

รายงานการจดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์																			
รายการ	การจดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์																		
เลขที่รับ	557																		
วันที่รับ	2 มีนาคม 2565																		
ผู้ยื่นคำขอ	บริษัท คิมแมน คอนสตรัคชั่น จำกัด ที่อยู่ 34/35 ซอยนาคนิวาส 48 แขวง 14-14 ถนนนาคนิวาส แขวง/เขตลาดพร้าว กรุงเทพมหานคร 10230																		
ประเภท	เครื่องโทรคมนาคมและอุปกรณ์ ☐ เครื่องโทรคมนาคม ☒ เครื่องวิทยุคมนาคม (Vehicle Radar) ☐ อุปกรณ์																		
คราอีซอร์	BOSCH																		
รุ่น	F5CP12																		
เอกสารประกอบการพิจารณา																			
1	สำเนารายงานผลการทดสอบของห้องปฏิบัติการ IBL-Lab GmbH, Germany ☒ RF TEST <table border="1" style="width: 100%; margin-top: 5px;"> <tr> <td>หมายเลข</td> <td>21055526-20543-0</td> </tr> <tr> <td>ลงวันที่</td> <td>28 มกราคม 2565</td> </tr> <tr> <td>มาตรฐานที่กำหนด</td> <td>EN 301 091-1 V2.1.1</td> </tr> </table> ☒ EMF TEST <table border="1" style="width: 100%; margin-top: 5px;"> <tr> <td>หมายเลข</td> <td>21055526-20540-0</td> </tr> <tr> <td>ลงวันที่</td> <td>8 กุมภาพันธ์ 2565</td> </tr> <tr> <td>มาตรฐานที่กำหนด</td> <td>EN 62311</td> </tr> </table> ☒ Electrical Safety Test <table border="1" style="width: 100%; margin-top: 5px;"> <tr> <td>หมายเลข</td> <td>21055526-20541-0</td> </tr> <tr> <td>ลงวันที่</td> <td>7 กุมภาพันธ์ 2565</td> </tr> <tr> <td>มาตรฐานที่กำหนด</td> <td>IEC 62368-1</td> </tr> </table>	หมายเลข	21055526-20543-0	ลงวันที่	28 มกราคม 2565	มาตรฐานที่กำหนด	EN 301 091-1 V2.1.1	หมายเลข	21055526-20540-0	ลงวันที่	8 กุมภาพันธ์ 2565	มาตรฐานที่กำหนด	EN 62311	หมายเลข	21055526-20541-0	ลงวันที่	7 กุมภาพันธ์ 2565	มาตรฐานที่กำหนด	IEC 62368-1
หมายเลข	21055526-20543-0																		
ลงวันที่	28 มกราคม 2565																		
มาตรฐานที่กำหนด	EN 301 091-1 V2.1.1																		
หมายเลข	21055526-20540-0																		
ลงวันที่	8 กุมภาพันธ์ 2565																		
มาตรฐานที่กำหนด	EN 62311																		
หมายเลข	21055526-20541-0																		
ลงวันที่	7 กุมภาพันธ์ 2565																		
มาตรฐานที่กำหนด	IEC 62368-1																		
2	☒ ข้อกำหนดทางวิชาการ(Technical Specifications) ☒ แค็ตตาล็อก(Catalogue)																		

สำนักงานนโยบายและมาตรฐานโทรคมนาคม (ทท.) สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
87 ซอย 8 (สายลม) ถนนพหลโยธิน แขวงสามเสนใน เขตพญาไท กรุงเทพมหานคร 10400
F-00-00 Rev.0 (2010/05/25) หน้า 1 / 1

Customer Information Declaration of Conformity

กฎ ระเบียบ ที่เกี่ยวข้อง	
พ.ร.บ.	☒ มาตรา 95 แห่ง พ.ร.บ.องค์การจัดสรรคลื่นความถี่และกำกับการประกอบกิจการวิทยุกระจายเสียง วิทยุโทรทัศน์ และกิจการโทรคมนาคม พ.ศ. 2553
มาตรฐาน	☒ กสทช.มท.1011-2560 ลงวันที่ 28 ธันวาคม พ.ศ. 2560 ☒ กทช.มท.5001-2550 ลงวันที่ 29 มีนาคม พ.ศ. 2550
ประกาศ	☒ ประกาศ กสทช. เรื่อง หลักเกณฑ์การอนุญาตให้ใช้เครื่องวิทยุคมนาคมระบบเรดาร์ที่ใช้ติดตั้งในรถยนต์ (Vehicle Radar) ลงวันที่ 28 ธันวาคม พ.ศ. 2560 ☒ ประกาศ กทช. เรื่อง มาตรฐานความปลอดภัยต่อสุขภาพของมนุษย์จากการใช้เครื่องวิทยุคมนาคมลงวันที่ 29 มีนาคม 2550
ผลการพิจารณา	1. ผลการพิจารณาเครื่องวิทยุคมนาคม ตรรกัษ BOSCH รุ่น F5CP12 2. สอดคล้องตามมาตรฐานทางเทคนิคและประกาศที่เกี่ยวข้อง 3. เป็นเครื่องวิทยุคมนาคมระบบเรดาร์ที่ใช้ติดตั้งในรถยนต์ (Vehicle Radar) ได้รับเข้าแล้วไม่ต้องได้รับใบอนุญาตมี ใช้นำออกซึ่งเครื่องวิทยุคมนาคม และใบอนุญาตตั้งสถานีวิทยุคมนาคม แต่ไม่ได้รับยกเว้นใบอนุญาตทำ นำเข้า ตัวเครื่องวิทยุคมนาคม (กรณีการนำเข้าเครื่องวิทยุคมนาคม)
สรุปผล	
ประเภท	Vehicle Radar
ตราอักษร	BOSCH
รุ่น	F5CP12
ลักษณะ	Radar Sensor (Automotive Radar)
ชนิด	เคลื่อนที่
รายละเอียดเครื่องวิทยุคมนาคม	
ย่านความถี่วิทยุ	Tx /Rx: 76 – 77 GHz
กำลังส่งสูงสุด (Peak e.i.r.p.)	30.16 dBm หรือ 1.038 W
 (นายภูธรณ์ คงทน) พนักงานผู้ตรวจสอบ  (นายสมศักดิ์ รัชต์ศิริ) รก. ผอ.ท.	

สำนักงานกสทช.และมาตรฐานโทรคมนาคม (กท.) สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
 81 ซอย 8 (ถนน) ถนนพหลโยธิน แขวงสามเสนใน เขตพญาไท กรุงเทพมหานคร 10400
 File:001 rev:0 (rev:0/00) หน้า 12 / 12

Customer Information Declaration of Conformity

ที่ สทท ๒๔๐๗/ ๖๒๐๓๐



สำนักงาน กสทช.
๘๗ พหลโยธิน ๖๐๘ ๘
แขวงสามเสนใน เขตพญาไท
กรุงเทพฯ ๑๐๕๐๐

มีนาคม ๒๕๖๕

เรื่อง การตรวจสอบและรับรองมาตรฐานเครื่องโทรคมนาคมและอุปกรณ์ ทรานซิสเตอร์ BOSCH รุ่น F5CP12

เรียน กรรมการผู้จัดการ บริษัท คิวเม้น คอนซัลติ้ง จำกัด

- อ้างถึง
๑. แบบคำขอรับบริการจดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์ ลงวันที่ ๒ มีนาคม ๒๕๖๕
 ๒. ประกาศคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ เรื่อง การตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์ ประกาศ ณ วันที่ ๒ กรกฎาคม ๒๕๖๔
 ๓. ประกาศคณะกรรมการกิจการโทรคมนาคมแห่งชาติ เรื่อง หลักเกณฑ์และมาตรการกำกับดูแลความต่อเนื่องของข้อมูลจากผู้ให้บริการใช้โครงข่ายโทรคมนาคม ประกาศ ณ วันที่ ๒๖ มีนาคม ๒๕๖๖

สิ่งที่ส่งมาด้วย เอกสารการจดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์ จำนวน ๑ ฉบับ

ตามหนังสือที่อ้างถึง ๑ ท่านได้รับขอรับบริการจดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์ (แบบ วท.๖๒) ทรานซิสเตอร์ BOSCH รุ่น F5CP12 ต่อสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ (สำนักงาน กสทช.) ความละเอียดแจ้งแล้ว นั้น

สำนักงาน กสทช. ขอเรียนว่า เครื่องวิทยุคมนาคม ทรานซิสเตอร์ แบบ/รุ่น ดังกล่าวผ่านการรับรองมาตรฐานจากสำนักงาน กสทช. รายละเอียดปรากฏตามเอกสารการจดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์ ตามสิ่งที่ส่งมาด้วย ทั้งนี้ การผลิตหรือนำเครื่องวิทยุคมนาคมเข้ามาจำหน่ายภายในประเทศ ผู้ประกอบการนี้ หน้าที่และความรับผิดชอบ ความผิด ๒ ของประกาศที่อ้างถึง ๒ และต้องแสดงข้อมูลต่อสาธารณะตามหลักฐาน ความปลอดภัย ความผิด ๒ หมวด ๓ หรือหมวด ๔ (แล้วแต่กรณีตามประเภทของเครื่องวิทยุคมนาคม) ของ ประกาศที่อ้างถึง ๓

จึงเรียนมาเพื่อโปรดทราบและขออนุญาตปฏิบัติต่อไป

ขอแสดงความนับถือ

(นายสุชาติ บุญโสม)

ผู้อำนวยการสำนักเทคโนโลยีและมาตรฐานโทรคมนาคม
ปฏิบัติการแทน เลขาธิการ กสทช.

สำนักเทคโนโลยีและมาตรฐานโทรคมนาคม
โทร. ๐-๒๖๓๐-๘๘๘๘ ต่อ ๓๐๕๕
โทรสาร ๐-๒๖๓๓-๒๐๓๓
ไปรษณีย์อิเล็กทรอนิกส์ standard@nbt.go.th

Customer Information Declaration of Conformity

NBTC Office

87 Phaholyothin Soi 8, Samsen Nai

Phyathai, Bangkok 10400

Ref No. STC 2407/L2010

Date 2 March 2022

Subject: Type approval of telecommunication equipment trade name BOSCH model name F5CP12.

Attention: Managing Director of Qman Consulting Co., Ltd.

Refer to 1. Application form date 2 March 2022

2. NBTC announcement of Conformity Assessment of Telecommunication Equipment date 2 July 2016

3. NBTC announcement about human safety regulation from telecommunication equipments date 29 March 2007

Attachment: Type approval certificate 1 set

Refer to your application form of equipment trade name BOSCH model name F5CP12 to NBTC.

NBTC office would like to send type approval certificate of the telecommunication equipment to you. In order to manufacturing or importing this telecommunication equipments, company is responsible to follow section 6 of the abovementioned announcement number 2 and section 2, 3, or 4 (according to type of telecommunication equipments) of the above mentioned announcement number 3.

Regards,

Mr.Chutidej Boonkhasoom

Director of Office of Spectrum Management

Acting Director of Telecommunication Standard and Technology

Action for NBTC Secretary General

Office of Telecommunication Standard and Technology

Tel: (+66)-2670-8888 ext 7659

Fax: (+66)-2279-2273

Email standard@nbt.go.th

Customer Information Declaration of Conformity

Singapore:

TRANS EUROKARS PTE LTD
11 KUNG CHONG ROAD
EUROKARS CENTRE
SINGAPORE 159147

Attn: MR LOK KENG HOE

Dear Sirs,

EQUIPMENT REGISTRATION UNDER TELECOMMUNICATIONS (DEALERS) REGULATIONS
Registration Number: ESER/25/4465

We acknowledge that the equipment listed below has been registered with the Info-communications Media Development Authority under regulation 20(6) of the Telecommunications (Dealers) Regulations (Cap 323, Rg 6) (the "Dealers Regulations") and approved for sale in Singapore. Your attention is drawn to the relevant provisions and requirements of the Dealers Regulations described below.

Declared Equipment Information

Brand/Trade Name:	Bosch
Model Name/No.:	FSCP12
Equipment Description:	Radar sensor
IMDA Spec. No.:	IMDA TS SRD
Equipment Category:	Low Power Radio Equipment
Equipment Type:	Radar
Frequency Band	
(Maximum Radiated Power /Field Strength):	76 - 77 GHz (<= 55 dBm pk/50 dBm avg (e.i.r.p.) non-pulse radar)
Date of Registration:	28 Jul 2025
Date of Expiry:	30 Jun 2030

Note: This is a system generated email. Please do not reply to it. For queries, please email equipment_reg_dealers@imda.gov.sg



www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438

@IMDAsg | #IMDigitsIArchitect

Customer Information

Declaration of Conformity

Information on Equipment Registration for Complex/Multi-Line Equipment or Short Range/ Low Power Devices

1. IMDA may require the equipment supplier to submit test results or evidence of equipment certification as proof of conformity with the applicable IMDA Technical Specification(s) [Regulation 20(5) of the Dealers Regulations]
2. Equipment registration under regulation 20(6) shall be valid for a period of 5 years. [Regulation 20(6) of the Dealers Regulations]
3. The registration may be renewed for periods not exceeding 5 years upon an application being made to IMDA. [Regulation 20(7) and 20(7A) of the Dealers Regulations]
4. Any modification to the registered equipment may require a re-submission. [Regulation 20(8) of the Dealers Regulations]
5. No false or misleading information shall be furnished to IMDA for the purpose of obtaining any equipment registration or renewal of registration. [Regulation 21(1) of the Dealers Regulations]
6. Any registration or renewal of registration granted as a result of submission of false or misleading information shall be null and void. [Regulation 21(2) of the Dealers Regulations]
7. Any person who contravenes regulation 21(1) and submits false or misleading information shall be guilty of an offence. [Regulation 24 of the Dealers Regulations]



www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438

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Customer Information Declaration of Conformity

Indonesia:



PEMERINTAH REPUBLIK INDONESIA

PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA SERTIFIKAT ALAT DAN/ATAU PERANGKAT TELEKOMUNIKASI PB-UMKU: 81201099328590000089

Pemerintah Republik Indonesia menerbitkan Perizinan Berusaha Untuk Menunjang Kegiatan Usaha (PB-UMKU), yang merupakan Sertifikat Alat dan/atau Perangkat Telekomunikasi kepada Pelaku Usaha berikut ini:

- | | |
|---|---|
| 1. Nama Pelaku Usaha | : PT EUROKARS MOTOR INDONESIA |
| 2. Nomor Induk Berusaha (NIB) | : 8120109932859 |
| 3. Alamat Kantor | : Jalan Teuku Nyak Arief nomor 8D, Desa/Kelurahan Grogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta
Kode Pos: 12220 |
| 4. Status Penanaman Modal | : Penanaman Modal Asing (PMA) |
| 5. Kode Klasifikasi Baku Lapangan Usaha | : 45101 - Perdagangan Besar Mobil Baru |
| 6. Lokasi Usaha | : Jalan Teuku Nyak Arief No. 8D Desa/Kelurahan Grogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta
Kode Pos: 12220 |

Telah Memenuhi Persyaratan:

- Persyaratan umum:
 - Laporan Hasil Uji (LHU) atau test report yang diterbitkan oleh balai uji dalam negeri yang telah ditetapkan atau balai uji luar negeri yang diakui oleh menteri yang menyelenggara-kan urusan pemerintahan di bidang komunikasi dan informatika;
 - dokumen spesifikasi teknis alat dan/atau perangkat telekomunikasi;
 - deklarasi kesesuaian (Declaration of Conformity) terhadap standar teknis alat dan/atau perangkat telekomunikasi yang ditandatangani oleh pemohon;
 - foto berwarna alat dan/atau perangkat telekomunikasi yang menampilkan data merek dan model tipe Alat dan/atau perangkat telekomunikasi;
 - menyatakan bahwa data dan dokumen yang disampaikan adalah benar dan valid; dan
 - melunasi biaya sertifikat alat dan/atau perangkat telekomunikasi.
- Persyaratan khusus:
 - khusus untuk alat dan/atau perangkat telekomunikasi berupa penguat sinyal (repeater/booster) sistem komunikasi bergerak seluler, melampirkan surat perjanjian kerja sama dengan penyelenggara jaringan bergerak seluler Indonesia;
 - khusus untuk alat dan/atau perangkat telekomunikasi berupa telepon/ modem satelit, melampirkan surat perjanjian kerja sama dengan penyelenggara telekomunikasi Indonesia yang menyediakan layanan telepon/ modem satelit;
 - khusus untuk alat dan/atau perangkat telekomunikasi pesawat telepon seluler, komputer genggam, dan komputer tablet, melampirkan surat deklarasi jaminan keamanan International Mobile Equipment Identity (IMEI) dan daftar IMEI yang disetujui oleh Global System for Mobile Communications Association (GSMA) atau sekerjanya;
 - khusus untuk permohonan sertifikat alat dan/atau perangkat telekomunikasi yang diajukan oleh badan usaha Indonesia yang ditunjuk sebagai perwakilan atau distributor resmi oleh pemilik merek yang berkedudukan di luar wilayah Negara Kesatuan Republik Indonesia, melampirkan surat penunjukan sebagai perwakilan atau distributor resmi dari pemilik merek;
 - khusus untuk permohonan sertifikat alat dan/atau perangkat telekomunikasi yang diajukan oleh pemilik merek yang berbadan hukum Indonesia, melampirkan dokumen yang menunjukkan pemenuhan ketentuan peraturan perundang-undangan yang terkait kepemilikan merek dari menteri yang menyelenggara-kan urusan pemerintahan di bidang hukum dan hak asasi manusia; dan
 - khusus untuk alat dan/atau perangkat telekomunikasi yang diwajibkan memenuhi ketentuan terkait perindustrian, melampirkan dokumen yang menunjukkan pemenuhan ketentuan peraturan perundang-undangan yang terkait alat dan/atau perangkat telekomunikasi dari menteri yang menyelenggara-kan urusan pemerintahan di bidang perindustrian.

- Dokumen ini diterbitkan sistem OSS berdasarkan data dari Pelaku Usaha, terdapat dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.
- Dokumen ini terdapat keabsahan ini dokumen ini akan dilakukan pertalian sebagaimana mestinya.
- Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSR-ESSN.
- Data lengkap Perizinan Berusaha dapat diperoleh melalui sistem OSS menggunakan hak akses.



Customer Information

Declaration of Conformity

Lampiran Perizinan Berusaha Untuk Menunjang Kegiatan Usaha ini memuat data teknis yang merupakan bagian tidak terpisahkan dari dokumen ini. Pelaku Usaha tersebut di atas wajib menjalankan kegiatan usahanya sesuai dengan ketentuan perundang-undangan yang berlaku.

Diterbitkan tanggal: 01 Agustus 2025

a.n. Menteri Komunikasi dan Digital
Menteri Investasi dan Hilirisasi/
Kepala Badan Koordinasi Penanaman Modal,



Ditandatangani secara elektronik

Dicetak tanggal: 01 Agustus 2025

09ABE893 2025-09-26

1. Dokumen ini diterbitkan dalam sistem OSS berdasarkan data dari Pelaku Usaha, terlampir dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.
2. Dalam hal terjadi kekeliruan isi dokumen ini akan dilakukan perbaikan sebagaimana mestinya.
3. Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSN e-SIGN.
4. Data lengkap Perizinan Berusaha dapat diperoleh melalui sistem OSS menggunakan hak akses.



Balai
Sertifikasi
Elektronik

Customer Information Declaration of Conformity



PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT TELEKOMUNIKASI DAN/ATAU PERANGKAT TELEKOMUNIKASI
LAMPIRAN PB-UMKU : 81201099328590000089

Lampiran di bawah ini memuat data teknis Alat Telekomunikasi dan/atau Perangkat Telekomunikasi :

 SERTIFIKAT / CERTIFICATE NOMOR / NUMBER : 112995/DJID/2025			
Nama Perangkat Name of Equipment	: Radar sensor	Diajukan Oleh Applied by	: PT EUROKARS MOTOR INDONESIA
Merek Trade Mark	: Bosch	Alamat Address	: Jalan Teuku Nyak Arief nomor 90, Desa/Kelurahan Grogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta, Kode Pos: 12220
Tipe Type	: F5CP12	PLG ID Client ID	: 8032
Buatan Country of Origin	: China	Tanggal Terbit Date of Issue	: 01 Agustus 2025
Referensi Reference	: KEPMEN KOMINFO NOMOR 280 TAHUN 2024		
Frekuensi Kerja Operating Frequency	: Radar SRD Radar SRD	Frekuensi Range Power	: 76 GHz - 77 GHz -66 dBm



Diikhtisat Layanan Infrastruktur Digital
Membaca QRcode ke 11
Jl. Medan Merdeka Selatan No. 14, Jakarta Pusat 10110
https://sertifikasi.pom.go.id/

1. Dokumen ini diterbitkan dalam Sistem OSS berdasarkan data dari Pelaku Usaha, terdapat dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.
2. Dokumen ini terdapat sertifikasi dan dokumen ini akan diberikan setelah proses verifikasi selesai.
3. Dokumen ini merupakan dokumen yang bersifat sementara dan tidak dapat digunakan untuk keperluan lain yang tidak sesuai dengan tujuan.
4. Dokumen ini merupakan dokumen yang bersifat sementara dan tidak dapat digunakan untuk keperluan lain yang tidak sesuai dengan tujuan.



Customer Information Declaration of Conformity

Malaysia:



CERTIFICATE OF CONFORMITY

Type Approval Code: RGLN/77A/0825/5(25-4563)
Application Number: SQASI/TA/25/4563

This certificate is granted to
BERMAZ MOTOR TRADING SDN. BHD.
NO 7, JALAN PELUKIS U1/46 TEMASYA INDUSTRIAL PARK SEKSYEN U1 40150 S.ALAM, SELANGOR

It is hereby certified that
MODEL: F5CP12
MARKETING NAME: F5CP12
BRAND: BOSCH

For device category
LONG RANGE RADAR EQUIPMENT (HYBRID AUTOMOTIVE)

Product Features:
Frequency [76 GHz - 77 GHz]

Approval Date: 29 August 2025 Expiry Date: 28 August 2030

This device has been granted Type Approval for its communication and wireless features pursuant to the Communications and Multimedia Act 1998 and the Technical Standards Regulations 2000. Compliance with all other applicable Malaysian regulations is mandatory, where relevant.



Certificate Number: 218685



Ts. Md. Adha bin Katni @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.



ACB 001

SIRIM QAS International Sdn. Bhd. (Company No. 410334-X) 1, Persiaran Datuk Menteri Section 2, P.O. Box 7035, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Tel: 03-5544-8400 Fax: 03-5544-8810

Customer Information Declaration of Conformity


CERTIFICATE OF CONFORMITY
Type Approval Code: RGLN/77A/0825/S(25-4563)
Application Number: SQAS/TA/25/4563

MODEL: F5CP12
MARKETING NAME: F5CP12
BRAND: BOSCH

Complies to
TECHNICAL CODE
MCMC MTSFB TC T007:2010

Approval Date: 29 August 2015 Expiry Date: 28 August 2030

This device has been granted Type Approval for its communication and wireless features pursuant to the Communications and Multimedia Act 1998 and the Technical Standards Regulations 2000. Compliance with all other applicable Malaysian regulations is mandatory, where relevant.


Certificate
Number:
218685


Ts. Md. Adha bin Katni @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.


ACB 001

SIRIM QAS International Sdn. Bhd. (Company No. 410334-X) 1, Persiaran Dataran Menteri Section 2, P.O. Box 7035, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Telephone: 03 2544 6400 Fax: 03 2544 6810

Customer Information

Declaration of Conformity

Hong Kong(China):

Cross-Domain Computing Solutions



Robert Bosch GmbH
Postfach 16 41
71226 Leonberg
Visitor:
Daimlerstraße 6
71229 Leonberg
Tel 07141 811-0
www.bosch.com

Robert Bloch, XC-DX/ESR1
Tel +49 711 811 18813
Robert.Bloch@bosch.com

17 May 2022

Declaration of Conformity In accordance with HKCA 1035

We, the manufacturer
Robert Bosch GmbH
Daimlerstrasse 6
71229 Leonberg, Germany

hereby confirm that the following product complies with the requirements of

**HKCA1035, "PERFORMANCE SPECIFICATION FOR RADIO EQUIPMENT
EXEMPTED FROM LICENCING" ISSUE 7, MAY 2016.**

Issued by the **TELECOMMUNICATIONS AUTHORITY OF HONG KONG
(OFTA)**

Product: Radar Sensor
Operating in the 76.0 -77.0 GHz range
Brand Name: Bosch
Model Name: FSCP12

The sale, possession and use of radio equipment operating within the frequency band 76-77 GHz (including automotive radar) in Hong Kong is exempted from licensing provided that such equipment and its usage meet the requirements of the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order (Cap 106Z) (the Exemption Order) and the specification HKCA 1035.

Registered Office: Stuttgart, Registration Court: Amtsgericht Stuttgart, HRB 14090;
Chairman of the Supervisory Board: Prof. Dr. Stefan Asenkerschbaumer; Managing Directors: Dr. Stefan Hartung,
Dr. Christian Fischer, Fritz Albrecht, Dr. Markus Forschner, Dr. Markus Heyn, Rolf Rajek

Customer Information Declaration of Conformity

Cross-Domain Computing Solutions



BOSCH

17 May 2022
Page 2 of 2

As stated in HKCA 1035, section 39, 76-77 GHz equipment shall be in accordance with the European standard which is given by meeting the essential requirements of the European RED Directive 2014/53/EU in accordance with the relevant standards, as listed below.

Efficient use of spectrum pursuant to §3.2: **EN 301 091-1 V.2.1.1**

ETSI EN 301 091-1 Electromagnetic compatibility and Radio spectrum Matters (ERM).

Short range devices; Road Transport and Traffic Telematics (RTTT);

Radar Equipment operating in the 76-77 GHz range;

Part1: Technical characteristics and test methods for radar equipment in the 76-77 GHz range

Subject products are manufactured and tested according to appropriate quality control procedure. Modifications from tested type do not influence the characteristics of the corner radar.

Leonberg, 2022-05-17

Lukas Wasseermann
Department Director XC-DX/ESR
Robert Bosch GmbH

Michael Klar
Department Director XC-DX/ECR
Robert Bosch GmbH

Customer Information

Declaration of Conformity

Macau (China):



1 of 3

TYPE APPROVAL EXEMPTION INFORMATION

Date:
Project number:

2022-02-28
21055126

MACAU

According to official Type Approval Rules of

Macau Special Administrative Region
Office of the Executive Chief

By virtue of the authority conferred by article 50 of the basic law of the Macau Special Administrative Region and pursuant to article 7 of Decree-Law no. 18/83/M, of March 12th, 1983 the Chief Executive decided to exempt specific RF-Equipment from Radio Type Approval obligation in Executive Order No. 468/2015 issued on 2015-12-28.

1. Radio authorization equipment, referred to in article 7 of Decree-Law no. 18/81/M, of reduced power and small scope included in the following categories is exempted:
2. Categories Authorized frequency band max. EIRP
1.16 76.00 – 77.00 GHz 320 W

In this context, the following product

Name:	Radar sensor
Brand:	Boich
Model:	F5(P12

falls under the definition of Short Range Device

As a result, currently it is not necessary to pursue any Type Approval process for this product.

Annex:

Page 2: Excerpt of Decree-Law 18/83/M

Page 3: Excerpt of Executive Order 468/2015

- This information may be subject to change without prior notice from IB-Lenhardt AG -

IB-Lenhardt AG · Heinrich-Hertz-Allee 7 · 66386 St. Ingbert (GERMANY) · CEO: Daniel Lenhardt
HRB 102685 Amtsgericht Saarbrücken · Sales tax identification nr.: DE 301 588 230 · D-U-N-S® Nr: 312931547
URL: www.ib-lenhardt.de/en · Phone: +49 6894 38938-0 · Fax: +49 6894 38938-99

Customer Information Declaration of Conformity

Z 073



TYPE APPROVAL EXEMPTION INFORMATION

Date:
Project number:

2022-02-28
21055526

MACAU

EXCERPT OF DECREE-LAW NO. 18/83/M

12 DE MARÇO DE 1983 — BOLETIM OFICIAL DE MACAU — N.º 11

337

Artigo 7.º

(Dispensa da autorização governamental)

1. Estão dispensados da autorização governamental, indicada no artigo 6.º, os equipamentos de radiocomunicações:

- a) De reduzida potência e pequeno alcance, incluídos em categorias a fixar por despacho governamental;
- b) Receptores do serviço de radiodifusão sonora e televisiva.

2. Também não carecem de autorização os equipamentos de radiocomunicações utilizados pelas Forças de Segurança e Polícia Judiciária, para satisfação das necessidades colectivas de segurança e ordem pública.

- This information may be subject to change without prior notice from IB-Lenhardt AG -

IB-Lenhardt AG · Heinrich-Hertz-Allee 7 · 66386 St. Ingbert (GERMANY) · CEO: Daniel Lenhardt
HRB 102685 Amtsgericht Saarbrücken · Sales tax identification no.: DE 301 588 230 · D-U-N-S® Nr: 312331547
URL: www.ib-lenhardt.de/en · Phone: +49 6894 38938-0 · Fax: +49 6894 38938-99

Customer Information

Declaration of Conformity

▼ Corner Radar

Europe:

Notified Body TÜV Rheinland LGA Products GmbH Tillystraße 2 90431 Nürnberg notified by the Bundesnetzagentur für Elektrizität, Gas, Telekommunikation, Post und Eisenbahnen under No. 0197 herewith issues an		
EU-Type Examination Certificate within the meaning of Annex III Module B of the 2014/53/EU Radio Equipment Directive (RED) for compliance with the essential requirements of this directive		
Registration Number:	RT 60174399 0001	
Evaluation Report Nr.:	CN23AYNE 001	
Manufacturer:	WHST CO., LTD. Factory 1, West of Qingshuihe Road, East District of Economic & Technological Development Zone Wuhu City, Anhui P.R. China	
Product:	Radio Equipment (Corner radar)	
Type Identification:	STA79-2-D (WHST)	
Essential requirements:	2014/53/EU (RED) Article 3.1a Health Article 3.1a Electrical Safety Article 3.1b EMC Article 3.2 Radio spectrum	
The technical design of the assessed type has been verified based on the technical documentation presented by the manufacturer according to Annex III Module B of the Directive. As far as the essential requirements indicated, the Notified Body of TÜV Rheinland LGA Products GmbH confirms, that the technical design of the apparatus meets the essential requirements of the Directive 2014/53/EU Article 3. This certificate consists of this page and Annex I. Validity of the certificate is specified in the Annex I.		
Date	<u>19.12.2023</u>	 Notified Body  S. Peng

Customer Information Declaration of Conformity

Annex 1
Certificate Registration No.: RT 60174399 0001



1 of 2

Equipment

Product : Corner radar
Trademark : WHST
Identification : STA79-2-D
Product description : The STA79-2-D radar is developed based on the 77GHz advanced MMIC technology, uses FMCW solution and advanced signal and data processing technologies. It can detect multi-target stably and measure multi-parameter information sensitively.

System description

Frequency band(s) of operation : 76GHz to 77GHz
Operating frequency : 76GHz to 77GHz
Channel spacing / bandwidth : 1GHz
RF output power : 13.65dBm (max.e.i.r.p.)
Type of modulation : FMCW
Type of antenna : Array patch antenna
Mode of operation (simplex / duplex) : n/a
Duty cycle (access protocol, if applicable) : Up to 100%
Hardware version : V1.0
Software version : V1.0

Documentation

User information and installation instructions ☒
Block diagram ☒
Circuit diagram ☒
Part list ☒
PCB layout ☒
Photo documentation ☒
Versions of firmware/software used ☒
Statement of compliance with art. 10.2 it can be operated in at least one Member State without infringing applicable requirements on the use of radio spectrum. ☒
Risk Analysis ☒

Conformity Assessment

Applied harmonised standards (Referred to the publication of harmonised standards in the official Journal of the EU at the time of issuance)			
Article	Standard	Test Report No.	Issued by
3.1a Health			
3.1a Safety			
3.1b EMC			
3.2 Radio			
3.3 Others			

Applied non-harmonised standards			
Article	Standard	Test Report No.	Issued by
3.1a Health	EN IEC 62311:2020	CN23LKCR 002	TÜV Rheinland (Shenzhen) Co., Ltd.
3.1a Safety	EN 62368-1:2014+A11:2017	CN23PORE 001	TÜV Rheinland (Shenzhen) Co., Ltd.
3.1b EMC	EN 301 489-1 V2.2.3 EN 301 489-51 V2.1.1	CN23LKCR 001	TÜV Rheinland (Shenzhen) Co., Ltd.
3.2 Radio	EN 301 091-1 V2.1.1	CN23LKCR 002	TÜV Rheinland (Shenzhen) Co., Ltd.

Other solutions, adopted to meet the essential requirements			
Article	Standard	Test Report No.	Issued by
3.1a Health			

Customer Information

Declaration of Conformity

Annex 1
Certificate Registration No.: RT 60174399 0001



2 of 2

Rationale for applied non-harmonised standards or other solutions:

- EN IEC 62311: Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)
- EN 62365-1 Audiovideo, information and communication technology equipment - Part 1: Safety requirements
- EN 301 489-1 Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; EN 301 489-51 Part 51: Specific conditions for Automotive, Ground based Vehicles and Surveillance Radar Devices using 24,05 GHz to 24,25 GHz, 24,05 GHz to 24,5 GHz, 76 GHz to 77 GHz and 77 GHz to 81 GHz
- EN 301 091-1 Short Range Devices; Transport and Traffic Telematics (TTT); Radar equipment operating in the 76 GHz to 77 GHz range; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 1: Ground based vehicular radar

Remarks:

- This Type Examination Certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.
- This Type Examination Certificate only relates to the assessment of technical documentation to verify that the technical design of radio equipment meets the essential requirements of the RED 2014/53/EU and will not show compliance with essential requirements of other possible applicable EU Directives.
- The manufacturer has declared in compliance with art. 10.2 that the Radio Equipment can be operated in at least one Member State without infringing applicable requirements on the use of radio spectrum.
- Validity of this Type Examination Certificate is limited to the versions of the applied standard. If versions of standards change or modifications are made to the product, this Certificate will be invalidated.

Customer Information Declaration of Conformity

Australia:



ANZ Electrical Compliance Pty Ltd
8 Cootamundra Crescent, Blackburn, VIC 3130, AUSTRALIA



Tel: +61 (0)430 412 380

SUPPLIER'S DECLARATION OF CONFORMITY

As required under the following legislative instruments:

- Radiocommunications Labelling (Electromagnetic Compatibility) Notice 2017 made under subsection 182(1) of the Radiocommunications Act 1992, and
- Schedule 3 to the Radiocommunications Equipment (General) Rules 2021 (the General Equipment Rules) made under subsection 182(1) of the Radiocommunications Act 1992

AUTHORISED AGENT DETAILS

Authorised Agent Name: ANZ Electrical Compliance Pty Ltd

Address: 8 Cootamundra Crescent, Blackburn, VIC 3130, AUSTRALIA

ABN: 27 648 268 099

Responsible Supplier Number: E10433

Phone: +61 (0)430 412 380

Postal address: PO Box 1099, Blackburn North, VIC 3130, AUSTRALIA

PRODUCT DETAILS

Product Description: Corner Radar	
Trade Name/Manufacturer: WHST	
Model Number(s): STA79-2-D	
Frequency or Frequency range (MHz):	Radiated power e.i.r.p. (dBm):
76000 – 77000	13.645

COMPLIANCE INFORMATION AND PRODUCT LABELLING

Required Marking:	 , Trade Name and Model Number
Compliance Folder References: P23680LR	
Date of Compliance Folder: 21 November 2023	

* - RCM shall be at least 3 mm in height, Trade name/Model number shall be at least 1 mm in height.

Customer Information

Declaration of Conformity



ANZ Electrical Compliance Pty Ltd
8 Cootamundra Crescent, Blackburn, VIC 3130, AUSTRALIA



Tel: +61 (0)430 412 380

COMPLIANCE - APPLICABLE STANDARDS AND OTHER SUPPORTING DOCUMENTS

Having had regard to these documents, I am satisfied the above mentioned product complies with the requirements of the relevant ACMA Standards made under the Radiocommunications Act 1992.

The table below lists the details of the documents the above statement was made.

Compliance Level	Standard(s)	Report number	Accreditation (if required)
2 (Medium Risk)	Radiocommunications (Electromagnetic Compatibility) Standard 2017 (EN 55032:2015)	CN23LKCR 001	N/A
1	AS/NZS 4268:2017 +A1 ^a	CN23LKCR 002	N/A
1	EME Standard (arpana RPS S-1) ^a	CN23LKCR 002	N/A

^a As specified in Schedule 5 of Radiocommunications Equipment (General) Rules 2021 (the General Equipment Rules), Radiocommunications Equipment (General) Amendment Rules 2021 (No. 1), Radiocommunications Equipment (General) Amendment Rules 2023 (No. 1);
^b As specified in Schedule 4 of Radiocommunications Equipment (General) Rules 2021 (the General Equipment Rules), Radiocommunications Equipment (General) Amendment Rules 2021 (No. 1), Radiocommunications Equipment (General) Amendment Rules 2023 (No. 1).

DECLARATION

I hereby declare that:

1. I am authorised to make this declaration on behalf of the Company mentioned above,
2. the contents of this form are true and correct,
3. the product mentioned above complies with the applicable above mentioned standards and all products supplied under this declaration will be identical to the product identified above, and
4. I understand under section 137.1 of the Criminal Code Act 1995, it is an offence to knowingly provide false or misleading information to a Commonwealth entity.

Joshua HUANG
On 21 November 2023
Compliance Specialist
ANZ Electrical Compliance

Customer Information Declaration of Conformity



WHST Co., Ltd.
Factory 1, West of Qingshuihe Road
East District of Economic & Technological Development Zone
Wuhu City, Anhui Province
P.R. CHINA

LOCAL REPRESENTATIVE SERVICE NOTICE – AUSTRALIA

Dear Applicant,

Thank you for using our services to obtain a local representative to hold your compliance folders for WHST Corner Radar model STA79-2-D. As part of this service, we have provided you with the following documents:
- ACMA Declaration of Conformity
- Agency Agreement.

Our local representative has covered all compliance requirements when selling directly to the end consumer in Australia. Therefore, when selling directly to an end consumer no further action is required.

If a product is sold to an Australian company who will retail or distribute your product within Australia, then it is a requirement that this AU/NZ company completes the following:

- 1) Hold a copy of the ACMA Declaration of Conformity, and
- 2) Fill in table 1 and sign the Agency Agreement and Post to
PO Box 1099
Blackburn North VIC 3130
AUSTRALIA

If you have any questions or concerns, please feel free to contact ANZ Electrical Compliance on
+61 (0)430 412 380.

Sincerely,

A handwritten signature in black ink, appearing to read "Joshua Huang".

Joshua HUANG
Compliance Specialist

+61 (0)430 412 380



8 Cootamundra Crescent



Blackburn, VIC 3130, AUSTRALIA

Customer Information

Declaration of Conformity

New Zealand:



ANZ Electrical Compliance
139 Vincent Street, Auckland CBD, Auckland 1010, NZ



Tel: +61 (0)430 412 380

SUPPLIER'S DECLARATION OF CONFORMITY

Section 134 (1) (g) of the New Zealand Radiocommunications Act 1980.

AUTHORISED AGENT DETAILS

Authorised Agent Name: ANZ Electrical Compliance Limited
Address: 139 Vincent Street, Auckland CBD, AUCKLAND 1010, NEW ZEALAND
NZBN: 9429047590168 Responsible Supplier Number: E10433

PRODUCT DETAILS

Product Description: Corner Radar	
Trade Name/Manufacturer: WHST	
Model Number(s): STA79-2-D	
Frequency or Frequency range (MHz): 76000 – 77000	Radiated power e.i.r.p (dBm): 13.65

COMPLIANCE INFORMATION AND PRODUCT LABELLING

Required Marking*:  , R-NZ, Trade Name and Model Number
Compliance Folder Reference: P25541LR
Date of Compliance Folder: 13 August 2025

* - RCM shall be at least 3 mm in height; Trade name/Model number shall be at least 1 mm in height.

COMPLIANCE – APPLICABLE STANDARDS AND OTHER SUPPORTING DOCUMENTS

Compliance Level	Standard(s)	Report number	Accreditation (if required)
2	EN 55032:2015 +A11	CN23LKCR 001	N/A
A1	AS/NZS 4268:2017 +A1	CN23LKCR 002	N/A

DECLARATION

I hereby declare that the product to which this declaration of conformity relates complies with the mentioned standard(s), and all products supplied under this Declaration will be identical to the sample identified in this Declaration.

Joshua HUANG
On 13 August 2025
Compliance Specialist
ANZ Electrical Compliance

Customer Information Declaration of Conformity



ANZ Electrical Compliance
139 Vincent Street, Auckland CBD, Auckland 1010, NZ



Tel: +61 (0)430 412 380

SUPPLIER'S DECLARATION OF CONFORMITY

Section 134 (1) (g) of the New Zealand Radiocommunications Act 1989.

AUTHORISED AGENT DETAILS

Authorised Agent Name: ANZ Electrical Compliance Limited
Address: 139 Vincent Street, Auckland CBD, AUCKLAND 1010, NEW ZEALAND
NZBN: 9429047560168 **Responsible Supplier Number:** E10433

PRODUCT DETAILS

Product Description: Corner Radar	
Trade Name/Manufacturer: WHST	
Model Number(s): STA79-2-D	
Frequency or Frequency range (MHz):	Radiated power e.i.r.p (dBm):
76000 – 77000	13.65

COMPLIANCE INFORMATION AND PRODUCT LABELLING

Required Marking:  , R-NZ, Trade Name and Model Number
Compliance Folder Reference: P25541LR
Date of Compliance Folder: 13 August 2025

* - RCM shall be at least 3 mm in height; Trade name/Model number shall be at least 1 mm in height.

COMPLIANCE – APPLICABLE STANDARDS AND OTHER SUPPORTING DOCUMENTS

Compliance Level	Standard(s)	Report number	Accreditation (if required)
2	EN 55032:2015 +A11	CN23LKCR 001	N/A
A1	AS/NZS 4288:2017 +A1	CN23LKCR 002	N/A

DECLARATION

I hereby declare that the product to which this declaration of conformity relates complies with the mentioned standard(s), and all products supplied under this Declaration will be identical to the sample identified in this Declaration.

Joshua HUANG
On 13 August 2025
Compliance Specialist
ANZ Electrical Compliance

Customer Information

Declaration of Conformity



WHST Co., Ltd.
Factory 1, West of Qingshuihe Road
East District of Economic & Technological Development Zone
Wuhu City, Anhui Province
P.R. CHINA

LOCAL REPRESENTATIVE SERVICE NOTICE – NEW ZEALAND

Dear Applicant,

Thank you for using our services to obtain a local representative to hold your compliance folders for WHST Corner Radar model STA70-2.D. As part of this service, we have provided you with the following documents:
- RSM Declaration of Conformity
- Agency Agreement

Our local representative has covered all compliance requirements when selling directly to the end consumer in New Zealand. Therefore, when selling directly to an end consumer no further action is required.

If a product is sold to a New Zealand company who will retail or distribute your product within New Zealand, then it is a requirement that this NZ company completes the following:

- 1) Hold a copy of the RSM Declaration of Conformity, and
- 2) Fill in table 1 and sign the Agency Agreement and Post to
PO Box 1099
Blackburn North VIC 3130
AUSTRALIA

If you have any questions or concerns, please feel free to contact ANZ Electrical Compliance on
+61 (0)430 412 380.

Sincerely,

A handwritten signature in black ink, appearing to read "Joshua Huang".

Joshua HUANG
Compliance Specialist

+61 (0)430 412 380

8 Cootamundra Crescent

Blackburn, VIC 3130, AUSTRALIA

Customer Information Declaration of Conformity

Thailand:

	
สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์และกิจการโทรคมนาคมแห่งชาติ The Office of National Broadcasting and Telecommunications Commission	
หมายเลขการจดทะเบียน (Registration Number): A57022-23	
เครื่องโทรคมนาคมและอุปกรณ์ที่มีรายละเอียดต่อไปนี้ ได้รับการจดทะเบียนเครื่องโทรคมนาคม และอุปกรณ์ จากสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการ โทรทัศน์และกิจการ โทรคมนาคมแห่งชาติ แล้ว	
ตราสินค้า (Brand Name)	: WHIST
รุ่น/แบบ (Model)	: STA79-2-D
ผู้ยื่นขอจดทะเบียน	: บริษัท กวีแอมมูม คอนเซ็ปต์ จำกัด
วันที่ 9 พฤษภาคม 2566 (Date of Registration)	ลงชื่อ (Signature) (นายอัมพร ศิเล็กเจริญ) ผู้อำนวยการสำนักเทคโนโลยีและมาตรฐานโทรคมนาคม พนักงานเจ้าหน้าที่
หมายเหตุ : ให้อ่านคู่มือการใช้งานอย่างละเอียด และปฏิบัติตามข้อควรระวังในการใช้งานอย่างเคร่งครัด เพื่อความปลอดภัยของผู้ใช้และผู้เกี่ยวข้อง	
87 จอมพลปชปถัดถัดถัด 8 (ซอยถัด) แขวงถัดถัดถัดใน เขตถัดถัด ปชก กรุงเทพฯ โทร 0 2271 0553-05 ต่อ 321 โทรสาร 0 2279 2273	

Customer Information Declaration of Conformity

ที่ สททช ๒๕๐๗/๓๙๙๓๙



สำนักงาน กสทช.
๘๗ พหลโยธิน ซอย ๘
แขวงสามเสนใน เขตพญาไท
กรุงเทพฯ ๑๐๕๐๐

๙ พฤศจิกายน ๒๕๖๖

เรื่อง การตรวจสอบและรับรองมาตรฐานเครื่องโทรคมนาคมและอุปกรณ์ ตามอัตรา WH-ST แบบ/รุ่น STA79-2-D

เรียน กรรมการผู้จัดการ บริษัท คิวแมค คอนสัลติง จำกัด

อ้างถึง ๑. คำขอรับบริการจดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์ ลงวันที่ ๙ พฤศจิกายน ๒๕๖๖
๒. ประกาศคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ เรื่อง การตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์ ประกาศ ณ วันที่ ๒ กรกฎาคม ๒๕๕๙
๓. ประกาศคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ เรื่อง หลักเกณฑ์ วิธีการ และเงื่อนไขการออกเครื่องหมายการได้รับการตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์ ประกาศ ณ วันที่ ๒๐ ธันวาคม ๒๕๖๐
๔. ประกาศคณะกรรมการกิจการโทรคมนาคมแห่งชาติ เรื่อง หลักเกณฑ์และมาตรการกำกับดูแลความปลอดภัยต่อสุขภาพของมนุษย์จากการใช้เครื่องวิทยุคมนาคม ประกาศ ณ วันที่ ๒๙ มีนาคม ๒๕๕๐

สิ่งที่ส่งมาด้วย เอกสารการจดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์ จำนวน ๑ ฉบับ
ตามคำขอที่อ้างถึง ๑. บริษัทฯ ได้ยื่นขอรับบริการจดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์ (แบบ วท.๐๒) ตามอัตรา WH-ST แบบ/รุ่น STA79-2-D ต่อสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ (สำนักงาน กสทช.) ครบและเฝ้าระวังแล้ว ณ

สำนักงาน กสทช. ขอเรียนว่าเครื่องวิทยุคมนาคม ตามอัตรา แบบรุ่น ดังกล่าว ผ่านการรับรองมาตรฐานจากสำนักงาน กสทช. โดยมีรายละเอียดปรากฏตามเอกสารการจดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์ตามสิ่งที่ส่งมาด้วย ทั้งนี้ บริษัทฯ มีหน้าที่ต้องปฏิบัติ ดังนี้

๑. การผลิตหรือนำเครื่องวิทยุคมนาคมเข้ามาจำหน่ายภายในประเทศ ผู้ประกอบการมีหน้าที่และความรับผิดชอบตามกฎหมาย ๖ ของประกาศที่อ้างถึง ๒.
๒. การแสดงเครื่องหมายการได้รับการตรวจสอบและรับรองมาตรฐานของเครื่องวิทยุคมนาคม ให้ปฏิบัติตามข้อ ๒๗ ของประกาศที่อ้างถึง ๒. และประกาศที่อ้างถึง ๓. แล้วแต่กรณี
๓. การแสดงข้อมูลแสดงความปลอดภัย
๓.๑ การแสดงข้อมูลแสดงความปลอดภัยต้องตามมาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคให้ปฏิบัติตามข้อ ๒๖ ของประกาศที่อ้างถึง ๒.
๓.๒ การแสดงข้อมูลแสดงความปลอดภัยตามมาตรฐานความปลอดภัยของเครื่องวิทยุคมนาคม ให้ปฏิบัติตามข้อ ๗ หรือข้อ ๙ แล้วแต่กรณีตามประเภทของเครื่องวิทยุคมนาคมของประกาศที่อ้างถึง ๔.

จึงเรียนมาเพื่อโปรดทราบและถือปฏิบัติต่อไป

ขอแสดงความนับถือ


(นายอัมพร ทิเลิศเจริญ)
ผู้อำนวยการสำนักเทคโนโลยีและมาตรฐานโทรคมนาคม
ปฏิบัติความเพน เลขที่การ กสทช.

สำนักเทคโนโลยีและมาตรฐานโทรคมนาคม
โทร. ๐-๒๖๗๐-๘๘๘๘ ต่อ ๓๖๑๖
โทรสาร ๐-๒๖๗๙-๒๒๒๓
ไปรษณีย์อิเล็กทรอนิกส์ standard@nbt.go.th

Customer Information Declaration of Conformity

Singapore:

WIDEMINDS PTE. LTD.
39 WOODLANDS CLOSE
#08-06 MEGA@WOODLANDS
SINGAPORE 737856

Attn: LOW WEI YAP

Dear Sirs,

EQUIPMENT REGISTRATION UNDER TELECOMMUNICATIONS (DEALERS) REGULATIONS

Registration Number: ESER/25/4845

We acknowledge that the equipment listed below has been registered with the Info-communications Media Development Authority under regulation 20(6) of the Telecommunications (Dealers) Regulations (Cap 323, Rg 6) (the "Dealers Regulations") and approved for sale in Singapore. Your attention is drawn to the relevant provisions and requirements of the Dealers Regulations described below.

Dedared Equipment Information

Brand/Trade Name:	WHST
Model Name/No.:	STA79-2-D
Equipment Description:	Corner radar
IMDA Spec. No.:	IMDA TS SRD
Equipment Category:	Low Power Radio Equipment
Equipment Type:	Radar
Frequency Band (Maximum Radiated Power /Field Strength):	76 - 77 GHz (<= 55 dBm pk/50 dBm avg (e.i.r.p.) non-pulse radar)
Date of Registration:	12 Aug 2025
Date of Expiry:	31 Jul 2030

Note: This is a system generated email. Please do not reply to it. For queries, please email equipment_reg_dealers@imda.gov.sg.



INFOCOMM
MEDIA
DEVELOPMENT
AUTHORITY

www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438

@IMDAsg | #IMDigitalArchitect

Customer Information

Declaration of Conformity

Information on Equipment Registration for Complex/Multi-Line Equipment or Short Range/ Low Power Devices

1. IMDA may require the equipment supplier to submit test results or evidence of equipment certification as proof of conformity with the applicable IMDA Technical Specification(s) [Regulation 20(5) of the Dealers Regulations]
2. Equipment registration under regulation 20(6) shall be valid for a period of 5 years. [Regulation 20(6) of the Dealers Regulations]
3. The registration may be renewed for periods not exceeding 5 years upon an application being made to IMDA. [Regulation 20(7) and 20(7A) of the Dealers Regulations]
4. Any modification to the registered equipment may require a re-submission. [Regulation 20(8) of the Dealers Regulations]
5. No false or misleading information shall be furnished to IMDA for the purpose of obtaining any equipment registration or renewal of registration. [Regulation 21(1) of the Dealers Regulations]
6. Any registration or renewal of registration granted as a result of submission of false or misleading information shall be null and void. [Regulation 21(2) of the Dealers Regulations]
7. Any person who contravenes regulation 21(1) and submits false or misleading information shall be guilty of an offence. [Regulation 24 of the Dealers Regulations]



www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438

@IMDAsg | #IMDigitalArchitect

Customer Information Declaration of Conformity

Indonesia:



PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT TELEKOMUNIKASI DAN/ATAU PERANGKAT TELEKOMUNIKASI
LAMPIRAN PB-UMKU : 81201099328590000092

Lampiran di bawah ini memuat data teknis Alat Telekomunikasi dan/atau Perangkat Telekomunikasi :

 SERTIFIKAT / CERTIFICATE NOMOR / NUMBER : 114215/DJID/2025			
Nama Perangkat Name of Equipment	: Comer Radar	Diajukan Oleh Applied by	: PT EUROKARS MOTOR INDONESIA
Model Trade Mark	: WHST	Alamat Address	: Jalan Teuku Nyak Arief nomor 9D, Desa/Kelurahan Crogol Selatan, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta, Kode Pos: 12220
Tipe Type	: STA79-2-D	PLG ID Client's ID	: 6032
Buatan Country of Origin	: China	Tanggal Terbit Date of Issue	: 16 September 2025
Referensi Reference	: KEPMEN KOMINFO NOMOR 260 TAHUN 2024		
Frekuensi Kerja Operating frequencies	: RADAR : RADAR	Frekuensi Data Puncak	: 75 GHz - 77 GHz : <66 dBm



Directorat Jenderal Infrastruktur Digital
Minera dan Batubara U1.12
Jl. Medan Merdeka Selatan No. 14, Jakarta Pusat 10110
<https://sertifikat.prdot.go.id/>

1. Dokumen ini diterbitkan dalam CSD berdasarkan data dari Penerima Lisensi, berdasarkan dalam sistem OSS, yang menjadi tanggung jawab Penerima Lisensi.
2. Dalam hal terjadi ketidaktepatan data dokumen ini akan dilakukan perbaikan sebagaimana mestinya.
3. Dokumen ini telah diterbitkan secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BPP-ESDN.
4. Data lengkap Penerima Sertifikat dapat diperoleh melalui sistem OSS menggunakan hal diatas.



Customer Information Declaration of Conformity

Malaysia:



CERTIFICATE OF CONFORMITY

Type Approval Code: *RALM/88C/0825/S(25-4629)*
Application Number: *SQAS/TA/15/4629*

This certificate is granted to
BERMAZ MOTOR TRADING SDN. BHD.
NO 7, JALAN PELUKIS U1/46 TEMASYA INDUSTRIAL PARK SEKSYEN U1 40150 S.ALAM, SELANGOR

It is hereby certified that
MODEL: STA79-2-D
MARKETING NAME: STA79-2-D
BRAND: WHST

For device category
SHORT RANGE RADAR EQUIPMENT (HYBRID AUTOMOTIVE)

Product Features:
Frequency [76 GHz - 77 GHz]

Approval Date: 25 August 2025 Expiry Date: 24 August 2030

This device has been granted Type Approval for its communication and wireless features pursuant to the Communications and Multimedia Act 1998 and the Technical Standards Regulations 2000. Compliance with all other applicable Malaysian regulations is mandatory, where relevant.



Certificate Number: 218312



Ts. Md. Adhwa bin Kabri @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.



ACB 001

SIRIM QAS International Sdn. Bhd. (Company No. 410124-X) | Persiaran Datar Menteri Section 3, P.O. Box 7010, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Telephone: 603 5544 4400 Fax: 603 5544 6810

Page 1 of 2 eTAG/FORM-1 Issue No. 2 Rev 0

Customer Information Declaration of Conformity



CERTIFICATE OF CONFORMITY
Type Approval Code: RALM/88C/0825/5(25-4629)
Application Number: SQAS/TA/25/4629

MODEL: STA79-2-D
MARKETING NAME: STA79-2-D
BRAND: WHST

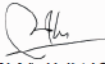
Complies to
TECHNICAL CODE
MCMC WTSF8 TC T007:2020

Approval Date: 25 August 2025
Expiry Date: 24 August 2030

This device has been granted Type Approval for its communication and wireless features pursuant to the Communications and Multimedia Act 1998 and the Technical Standards Regulations 2000. Compliance with all other applicable Malaysian regulations is mandatory, where relevant.



Certificate Number: 218312



Ts. Md. Adha bin Katni @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.



ACB 001

SIRIM QAS International Sdn. Bhd. (Company No. 110324-X) 1, Persiaran Datar Menanti Section 2, P.O. Box 7016, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Telephone: 603 5544 6400 Fax: 603 5544 6810

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Customer Information

Declaration of Conformity

▼ In-vehicle Radar

Europe:

Notified Body TÜV Rheinland LGA Products GmbH Tillystraße 2 90431 Nürnberg notified by the Bundesnetzagentur für Elektrizität, Gas, Telekommunikation, Post und Eisenbahnen under No. 0197 herewith issues an		
EU-Type Examination Certificate within the meaning of Annex III Module B of the 2014/53/EU Radio Equipment Directive (RED) for compliance with the essential requirements of this directive		
Registration Number:		RT 60173391 0001
Evaluation Report Nr.:		CN22QBSK 003
Manufacturer:	Nanjing Chuhan Technology Co., Ltd. 12th Floor, Inter-Space, No.9, Yunzheng Street, Jiangbei New Area, Nanjing, Jiangsu P.R. China	
Product:	Radio Equipment (In-cabin Occupant Alert System)	
Type Identification:	ARS1.31 (CHUHANG TECH)	
Essential requirements:	2014/53/EU (RED) Article 3.1a Health Article 3.1a Electrical Safety Article 3.1b EMC Article 3.2 Radio spectrum	
The technical design of the assessed type has been verified based on the technical documentation presented by the manufacturer according to Annex III Module B of the Directive. As far as the essential requirements indicated, the Notified Body of TÜV Rheinland LGA Products GmbH confirms, that the technical design of the apparatus meets the essential requirements of the Directive 2014/53/EU Article 3. This certificate consists of this page and Annex I. Validity of the certificate is specified in the Annex I.		
Date	04.12.2023	 Notified Body  S. Peng

Customer Information

Declaration of Conformity

Annex 1
Certificate Registration No.: RT 60173391 0001



1 of 2

Equipment

Product : In-cabin Occupant Alert System
Trademark : CHUANG TECH
Identification : ARS1.31
Product description : It is an In-cabin Occupant Alert System with mmWave Radar.

System description

Frequency band(s) of operation : 57GHz to 64GHz
Operating frequency : 59.3GHz to 64GHz
Channel spacing / bandwidth : 4,4204GHz
RF output power : 13.51dBm (max.e.i.r.p.)
Type of modulation : FMCW
Type of antenna : Integral Antenna
Mode of operation (simplex / duplex) : Duplex
Duty cycle (access protocol, if applicable) : Up to 100%
Hardware version : HW03
Software version : V3.0 xx

Documentation

User information and installation instructions ☒
Block diagram ☒
Circuit diagram ☒
Part list ☒
PCB layout ☒
Photo documentation ☒
Versions of firmware/software used ☒
Statement of compliance with art. 10.2 It can be operated in at least one Member State without infringing applicable requirements on the use of radio spectrum. ☒
Risk Analysis ☒

Conformity Assessment

Applied harmonised standards (referred to the publication of harmonised standards in the official Journal of the EU at the time of issuance)			
Article	Standard	Test Report No.	Issued by
3.1a Health			
3.1a Safety			
3.1b EMC			
3.2 Radio	EN 305 550-2 V1.2.1	CN23GKH3 002	TÜV Rheinland (Shenzhen) Co., Ltd.
3.3 Others		2112RSU053-E2	MRT Technology (Suzhou) Co., Ltd.

Applied non-harmonised standards			
Article	Standard	Test Report No.	Issued by
3.1a Health	EN IEC 62311:2020	2112RSU053-E3	MRT Technology (Suzhou) Co., Ltd.
3.1a Safety	EN 62366-1:2014+A11:2017	CN22KD7X 003	TÜV Rheinland (Shenzhen) Co., Ltd.
3.1b EMC	EN 301 489-1 V2.2.3	CN23GKH3 001	TÜV Rheinland (Shenzhen) Co., Ltd.
3.2 Radio	EN 301 489-3 V2.3.2		

Other solutions, adopted to meet the essential requirements			
Article	Standard	Test Report No.	Issued by
3.1a Health			

Customer Information

Declaration of Conformity

Annex 1
Certificate Registration No.: RT 60173391 0001



2 of 2

Rationale for applied non-harmonised standards or other solutions:

- EN IEC 62311: Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)
- EN 62365-1 Audiovideo, Information and communication technology equipment - Part 1: Safety requirements
- EN 301 489-1 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; EN 301 489-3 Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz

Remarks:

- This Type Examination Certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.
- This Type Examination Certificate only relates to the assessment of technical documentation to verify that the technical design of radio equipment meets the essential requirements of the RED 2014/53/EU and will not show compliance with essential requirements of other possible applicable EU Directives.
- The manufacturer has declared in compliance with art. 10.2 that the Radio Equipment can be operated in at least one Member State without infringing applicable requirements on the use of radio spectrum.
- Validity of this Type Examination Certificate is limited to the versions of the applied standard. If versions of standards change or modifications are made to the product, this Certificate will be invalidated.

Customer Information

Declaration of Conformity

Australia:



ANZ Electrical Compliance Pty Ltd
8 Cootamundra Crescent, Blackburn, VIC 3130, AUSTRALIA



Tel: +61 (0)430 412 380

SUPPLIER'S DECLARATION OF CONFORMITY

As required under the following legislative instruments:

- Radiocommunications Labelling (Electromagnetic Compatibility) Notice 2017 made under subsection 182(1) of the Radiocommunications Act 1992, and
- Schedule 3 to the Radiocommunications Equipment (General) Rules 2021 (the General Equipment Rules) made under subsection 182(1) of the Radiocommunications Act 1992

AUTHORISED AGENT DETAILS

Authorised Agent Name: ANZ Electrical Compliance Pty Ltd

Address: 8 Cootamundra Crescent, Blackburn, VIC 3130, AUSTRALIA

ABN: 27 648 268 099

Responsible Supplier Number: E10433

Phone: +61 (0)430 412 380

Postal address: PO Box 1099, Blackburn North, VIC 3130, AUSTRALIA

PRODUCT DETAILS

Product Description: In-cabin Occupant Alert System	
Trade Name/Manufacturer: CHUZHANG TECH	
Model Number(s): ARS1.31	
Frequency or Frequency range (MHz): 59300 – 64000	Radiated power e.i.r.p (dBm): 13.51

COMPLIANCE INFORMATION AND PRODUCT LABELLING

Required Marking*:  , Trade Name and Model Number
Compliance Folder Reference: P23740LR
Date of Compliance Folder: 14 December 2023

* - RCM shall be at least 3 mm in height; Trade name/Model number shall be at least 1 mm in height.

Customer Information

Declaration of Conformity



ANZ Electrical Compliance Pty Ltd
8 Cootamundra Crescent, Blackourn, VIC 3130, AUSTRALIA



Tel: +61 (0)430 412 380

COMPLIANCE – APPLICABLE STANDARDS AND OTHER SUPPORTING DOCUMENTS

Having had regard to these documents, I am satisfied the above mentioned product complies with the requirements of the relevant ACMA Standards made under the Radiocommunications Act 1992.

The table below lists the details of the documents the above statement was made.

Compliance Level	Standard(s)	Report number	Accreditation (if required)
2 (Medium Risk)	Radiocommunications (Electromagnetic Compatibility) Standard 2017 (EN 55032:2015)	CN23QKH3 001	N/A
1	AS/NZS 4268:2017 +A1 ^a	CN23QKH3 002, 2112RSU053-E2	N/A A2LA
1	EME Standard (arpana RPS S-1) ^b	2112RSU053-E3	A2LA

^a As specified in Schedule 6 of Radiocommunications Equipment (General) Rules 2021 (the General Equipment Rules, Radiocommunications Equipment (General) Amendment Rules 2021 (No. 1), Radiocommunications Equipment (General) Amendment Rules 2021 (No. 1);
^b As specified in Schedule 4 of Radiocommunications Equipment (General) Rules 2021 (the General Equipment Rules, Radiocommunications Equipment (General) Amendment Rules 2021 (No. 1), Radiocommunications Equipment (General) Amendment Rules 2021 (No. 1).

DECLARATION

I hereby declare that:

1. I am authorised to make this declaration on behalf of the Company mentioned above,
2. the contents of this form are true and correct,
3. the product mentioned above complies with the applicable above mentioned standards and all products supplied under this declaration will be identical to the product identified above, and
4. I understand under section 137.1 of the Criminal Code Act 1995, it is an offence to knowingly provide false or misleading information to a Commonwealth entity.

Joshua HUANG
On 14 December 2023
Compliance Specialist
ANZ Electrical Compliance

Customer Information Declaration of Conformity

New Zealand:



ANZ Electrical Compliance
139 Vincent Street, Auckland CBD, Auckland 1010, NZ

RADIO SPECTRUM
MANAGEMENT

Tel: +61 (0)430 412 380

SUPPLIER'S DECLARATION OF CONFORMITY

Section 134 (1) (g) of the New Zealand Radiocommunications Act 1989.

AUTHORISED AGENT DETAILS

Authorised Agent Name: ANZ Electrical Compliance Limited

Address: 139 Vincent Street, Auckland CBD, AUCKLAND 1010, NEW ZEALAND

NZBN: 9429047590168

Responsible Supplier Number: E10433

PRODUCT DETAILS

Product Description: In-cabin Occupant Alert System	
Trade Name/Manufacturer: CHUZHANG TECH	
Model Number(s): ARS1.31	
Frequency or Frequency range (MHz): 59300 – 64000	Radiated power e.i.r.p (dBm): 13.51

COMPLIANCE INFORMATION AND PRODUCT LABELLING

Required Marking*:  , R-NZ, Trade Name and Model Number
Compliance Folder Reference: P25480LR
Date of Compliance Folder: 21 July 2025

* - RCM shall be at least 3 mm in height; Trade name/Model number shall be at least 1 mm in height.

COMPLIANCE – APPLICABLE STANDARDS AND OTHER SUPPORTING DOCUMENTS

Compliance Level	Standard(s)	Report number	Accreditation (if required)
2	EN 55032:2015	CN23QK43 001	N/A
A1	AS/NZS 4268:2017 -A1	CN23QK43 002, Z112RSU053-E2	N/A A2LA

DECLARATION

I hereby declare that the product to which this declaration of conformity relates complies with the mentioned standard(s), and all products supplied under this Declaration will be identical to the sample identified in this Declaration.

Joshua HUANG
On 21 July 2025
Compliance Specialist
ANZ Electrical Compliance

Customer Information

Declaration of Conformity



Nanjing Chuhan Technology Co., Ltd.
12th Floor, Inter-Space, No. 9, Yunzheng Street
Jiangbei New Area, Nanjing
P.R. CHINA

LOCAL REPRESENTATIVE SERVICE NOTICE – New Zealand

Dear Applicant,

Thank you for using our services to obtain a local representative to hold your compliance folders for CHUHAN TECH In-cabin Occupant Alert System model AR31.31. As part of this service, we have provided you with the following documents:

- RSM Declaration of Conformity
- Agency Agreement

Our local representative has covered all compliance requirements when selling directly to the end consumer in New Zealand. Therefore, when selling directly to an end consumer no further action is required.

If a product is sold to an New Zealand company who will retail or distribute your product within New Zealand, then it is a requirement that this NZ company completes the following:

- 1) Hold a copy of the RSM Declaration of Conformity, and
- 2) Fill in table 1 and sign the Agency Agreement and Post to
PO Box 1099
Blackburn North VIC 3130
AUSTRALIA

If you have any questions or concerns, please feel free to contact ANZ Electrical Compliance on
+61 (0)430 412 380.

Sincerely,

A handwritten signature in black ink, appearing to read "Joshua Huang".

Joshua HUANG
Compliance Specialist

+61 (0)430 412 380

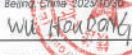
8 Cootamundra Crescent

Blackburn, VIC 3130, AUSTRALIA

Customer Information Declaration of Conformity

▼ CONNECTIVITY ASSY

Europe:

Document Number: 2025-12-02	
EU DECLARATION OF CONFORMITY	
Radio Equipment Product: Model number: Trade mark:	CONNECTIVITY ASSY CMAG2A2 MAZDA
Manufacturer:	
Name:	Megatronix(Beijing) Technology Co., Ltd.
Address:	Room 1101, 11th Floor, Building 6, No.34 Courtyard Chuangyuan Road, Chaoyang District, Beijing
Country:	China
This declaration of conformity is issued under the sole responsibility of the manufacturer:	
Object of the declaration: CONNECTIVITY ASSY	
The object of the declaration described above is in conformity with the following relevant Union harmonisation legislation(s)	
Radio Equipment Directive (RED) 2014/53/EU	
Conformity to the essential requirements of the legislation(s) have been demonstrated by using the following standards:	
Health and Safety (Art. 3(1)(a)):	EN IEC 62311:2020 EN IEC 62368-1:2020+A11:2020
EMC (Art. 3(1)(b)):	EN 55032:2015 EN 55032:2015/A11:2020 EN 55035:2017 EN 55035:2017/A11:2020 ETSI EN 301 489-32 V1.2.1 (2021-11) ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-3 V2.3.2 (2023-01) ETSI EN 301 489-17 V3.3.1 (2024-09) ETSI EN 301 489-19 V2.2.1 (2022-09)
Spectrum (Art. 3(2)):	ETSI EN 303 345-1 V1.1.1 (2019-06) ETSI EN 303 345-2 V1.2.1 (2021-12) ETSI EN 303 345-3 V1.1.1 (2021-06) ETSI EN 303 345-4 V1.1.1 (2021-06) ETSI EN 303 413 V1.2.1 (2021-04) ETSI EN 301 511 V12.6.1 (2017-03) ETSI TS 151 010-1 V13.8.0 ETSI EN 301 908-1 V15.2.1 (2023-01) ETSI EN 301 908-13 V13.2.1 (2022-02) ETSI TS 136 821-1 V18.4.0 (2024-06) EN 300 328 V2.2.2 (2019-07) EN 301 893 V2.1.1 (2017-05) EN 300 440 V2.2.1 (2019-07)
The following accessories and components, including software, allow the object of the declaration described above to operate as intended and in conformity with this EU declaration of conformity: None	
Signed for and on behalf of:	Megatronix(Beijing) Technology Co., Ltd.
Place and date of issue:	Beijing, China 2025/10/20
Signature:	
Name, function:	WU HOUDONG

Customer Information Declaration of Conformity

Supplier's declaration of conformity



This is the Australian Communications and Media Authority (ACMA) approved form for a declaration of conformity under the following legislative instruments:

- > Radiocommunications Equipment (General) Rules 2011
- > Radiocommunications Labelling (electromagnetic compatibility) notice 2017.

This is a sample form for a declaration of conformity under the Telecommunications (Labelling notice for customer equipment and customer cabling) instrument 2015.

Instructions for completion

Do not return this form to the ACMA. This completed form must be retained by the supplier as part of the documentation required for the compliance records. However, it must be made available for inspection by the ACMA when requested.

Supplier's details (manufacturer, importer or authorised agent)

Company Name (or individual)

BONDAUPTY LTD

ACN:AREN

886544490

OR

TRADING AS BONDAUPTY LTD

New Zealand RCH

Street Address

65 Duffalo Road Gladstone, New South Wales Australia

POSTCODE 2111

Customer Information Declaration of Conformity

Product details and date of manufacture

The Responsible Supplier supplies the following Low Risk (Level 1) Equipment in Australia and New Zealand:

Product description – brand name, type, current model, lot, batch or serial number (if available), software/firmware version (if applicable)

Product Equipment: CONNECTIVITY ASSY
Model Number: CMAG2A2
Trade Name: N/A
Rating: 12Vdc, 4.8A Class III
Date of manufacture: May, 2025

Compliance – applicable standards and other supporting documents

Evidence of compliance with applicable standards may be demonstrated by test reports, endorsed/ accredited test reports, certification/ competent body statements.

Having had regard to these documents, I am satisfied the above-mentioned product complies with the requirements of the relevant ACMA standards made under the *Radiocommunications Act 1992* and/or the *Telecommunications Act 1997*.

List these documents including details of the standard title, number and, if applicable, number of the test report/ endorsed test report or certification/ competent body statement.

Standard(s): ETSI EN 301 489-1 V2.2.3 (2019-11); ETSI EN 301 489-3 V2.3.2 (2023-01); ETSI EN 301 489-17 V2.2.4 (2020-09); ETSI EN 301 489-19 V2.2.1 (2022-06); ETSI EN 301 469-52 V1.1.2 (2021-11); EN 55022:2015+A11:2020; EN 60925:2017+A11:2020; EN 61000-3-2:2013/A2:2021/AC:2022-01; EN IEC 61000-3-2:2019+A1:2021; ETSI EN 300 320 V2.2.2 (2019-07); ETSI EN 301 893 V2.1.1 (2017-05); ETSI EN 300 440 V2.2.1 (2018-07); ETSI EN 309 419 V1.2.1 (2021-04); ETSI EN 300 345-1 V1.1.1 (2019-06); ETSI EN 300 345-2 V1.2.1 (2021-12); ETSI EN 300 345-3 V1.1.1 (2021-06); ETSI EN 300 345-4 V1.1.1 (2021-06); EN IEC 62211:2020; ETSI EN 301 611 V12.5.1 (2017-03); ETSI EN 301 008-1 V16.2.1 (2023-01); ETSI EN 301 008-2 V13.1.1 (2020-03); ETSI EN 301 808-1 V13.2.1 (2022-03).
Tested by: BlueAsia Technical Services (Shenzhen) Co., Ltd.
Report No.: BLA-EMC-202406-A0401; BLA-EMC-202406-A0402; BLA-EMC-202406-A0403; BLA-EMC-202406-A0404; BLA-EMC-202406-A0405; BLA-EMC-202406-A0406; BLA-EMC-202406-A0407; BLA-EMC-202406-A0408; BLA-EMC-202406-A0409; BLA-EMC-202406-A0410; BLA-EMC-202406-A0411; BLA-EMC-202406-A0412; BLA-EMC-202406-A0413; BLA-EMC-202406-A0414.

Declaration

I hereby declare that:

- I am authorised to make this declaration on behalf of the Company mentioned above.
- the contents of this form are true and correct.
- the product mentioned above complies with the applicable above mentioned standards and all products supplied under this declaration will be identical to the product identified above.
- I understand that giving false or misleading information is a serious offence.

The Responsible Supplier's ABN/IRD number has been submitted. I am a person who has been authorised to make this declaration on behalf of the Responsible Supplier. All equipment supplied is electrically safe and will continue to meet relevant standards or in the absence of a specific Australian or New Zealand Standard AS/NZS 3080. All Equipment supplied complies with the CECS and relevant electrical safety laws. Supply flexible cords and plugs or other level 3 components permanently attached to the equipment have a current Certificate of Conformity for Australia and New Zealand. Level 2 components permanently attached to the equipment have a current compliance folder.

Note: It is an offence to knowingly provide false or misleading information to a Commonwealth entity or a person who is exercising powers, performing functions or duties, or in connection with, a law of the Commonwealth. It is an offence to knowingly provide false or misleading information or documents in compliance or purported compliance with a law of the Commonwealth (Sections 137.1 and 137.2 of the Criminal Code Act 1995.)

Penalty: 12 months imprisonment

	
SIGNATURE OF SUPPLIER OR AGENT	POSITION IN ORGANISATION Managing Director
PRINT NAME: Gavine	DATE: June 17, 2025

The Privacy Act 1988 (Cth) (the Privacy Act) imposes obligations on the ACMA in relation to the collection, security, quality, access, use and disclosure of personal information. These obligations are detailed in the Australian Privacy Principles.

The ACMA may only collect personal information if it is reasonably necessary for, or directly related to one or more of the ACMA's functions or activities.

The purpose of collecting the personal information in this form is to ensure the supplier is identified in the 'declaration of conformity'. If this declaration of conformity is not completed and the requested information is not provided, a compliance label cannot be applied.

Further information on the Privacy Act and the ACMA's privacy policy is available at www.acma.gov.au/privacy-policy. The privacy policy contains ACMA 0001 - G2E Page 3 of 4 May 2023 13/06/2025

Customer Information Declaration of Conformity

details about how you may access personal information about you that is held by the ACMA, and seek the correction of such information. It also explains how you may complain about a breach of the Privacy Act and how we will deal with such a complaint.

Should you have any questions in this regard, please contact the ACMA's privacy contact officer on telephone on 1800 226 667 or by email at privacy@acma.gov.au

RCM

Customer Information Declaration of Conformity

Thailand:

	สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ The Office of National Broadcasting and Telecommunications Commission ใบรับรองเครื่องโทรคมนาคมและอุปกรณ์ (Approval Certificate for Telecommunication Equipment) ที่ (No.): B38687-25
ใบรับรองนี้แสดงว่าเครื่องโทรคมนาคมและอุปกรณ์ดังกล่าวได้ผ่านการตรวจสอบและยอมรับมาตรฐานแล้ว โดยมีเงื่อนไขปรากฏตามเอกสารแนบจำนวน 2 ฉบับ	
This is to certify that the telecommunication equipment appeared hereunder has been approved with condition(s) specified in 2 Annex(es).	
ตราถึกร (Brand Name)	: MAZDA
รุ่น/แบบ (Model)	: CMAG2A2
ชนิด (Type of equipment)	: โทรศัพท์เคลื่อนที่
ประเภทเครื่องโทรคมนาคมและอุปกรณ์ (Product Description)	: Cellular Mobile (GSM/WCDMA/LTE Data Connectivity Unit)
ช่วงความถี่วิทยุ (Frequency Range)	: Tx: See Annex(es) Rx: See Annex(es)
กำลังส่ง (Output Power)	: See Annex(es)
ผู้ผลิต (Manufacturer) และบริษัทในเครือประเทศอื่นๆ	: Megatronix(Beijing) Technology Co.,Ltd., P.R. China
ผู้ยื่นขอตรวจสอบและรับรอง (Applicant)	: บริษัท กิวสมน คอนซัลติง จำกัด
ลงวันที่ 24 กันยายน 2568 (Date of Issue)	ลงชื่อ (Signature) (นายอัมพร กิยติเชริฐ) ผู้อำนวยการสำนักงานเทคโนโลยีและมาตรฐานโทรคมนาคม ทบวงงานเจ้าหน้าที่
เลขที่ 87 ซอยพหลโยธิน 8 ถนนพหลโยธิน แขวงถนนพญาไท เขตพญาไท กรุงเทพมหานคร 10400 โทร 02-679 8888 No.87 Soi Phaholyothin 8, Phaholyothin Rd., Samsema, Phayathai, Bangkok Thailand 10400 Tel 02 679 8888	

Customer Information Declaration of Conformity

เอกสารแนบ (Annex) 1

ที่ (No.) : B38687-25

ข้อกำหนดการรับรองเครื่องโทรคมนาคมและอุปกรณ์

1. เครื่องวิทยุคมนาคมดังกล่าว ได้รับอนุญาตให้ใช้ นํ้าเข้า นํ้าออก หรือคำ ซึ่งเครื่องวิทยุคมนาคมจะต้องดำเนินการวิทยุคมนาคม แล้วแต่กรณี ตามประกาศคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ เรื่อง เครื่องวิทยุคมนาคมและสถานีวิทยุคมนาคมที่ได้รับอนุญาตให้ใช้งานได้รับใบอนุญาต ตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498 ข้อ 5 (1) ข้อ 6 ข้อ 7 และข้อ 13 (3) โดยอนุญาตให้ใช้งานในลักษณะหรือกิจการที่กำหนดไว้ในประกาศดังกล่าว
2. ผู้ใด นำ มี ใช้ นํ้าเข้า นํ้าออก หรือคำ ซึ่งเครื่องวิทยุคมนาคม หรือตั้งสถานีวิทยุคมนาคมตามหลักและรูปลักษณ์ จะต้องปฏิบัติตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498 และกฎกระทรวง ระเบียบ ประกาศ และเงื่อนไขการอนุญาต ที่ออกตามพระราชบัญญัติดังกล่าวอย่างเคร่งครัด
3. ผู้ใด นำ มี ใช้ นํ้าเข้า นํ้าออก หรือคำ ซึ่งเครื่องวิทยุคมนาคม หรือตั้งสถานีวิทยุคมนาคม ที่มีตราสัญลักษณ์ดังกล่าว โดยมีลักษณะทางเทคนิคไม่สอดคล้องกับใบรับรองเครื่องโทรคมนาคมและอุปกรณ์นี้ หรือไม่ปฏิบัติตามประกาศคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ เรื่อง เครื่องวิทยุคมนาคมและสถานีวิทยุคมนาคมที่ได้รับอนุญาตแล้วแต่กรณี จะต้องรับใบอนุญาต ตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498 จะต้องได้รับอนุญาตจากคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ มิฉะนั้น จะมีผลผิดตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498
4. หากสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ ตรวจพบในภายหลังพบว่า มีการแก้ไขเปลี่ยนแปลงลักษณะทางเทคนิคของเครื่องวิทยุคมนาคม หรือเอกสาร ย่อส่งตรวจสอบและใบประกอบมาตรฐาน หรือมีการปิดบัง ซ่อนเร้นข้อมูลความจริง เพื่อให้ได้คำอนุญาตว่า เครื่องวิทยุคมนาคมนี้มีลักษณะทางเทคนิคของสัญลักษณ์ถูกต้องตามกฎหมาย และประกาศที่ออกตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498 และพระราชบัญญัติการประกอบกิจการโทรคมนาคม พ.ศ. 2544 เพื่อประโยชน์ในการขอใบรับรองเครื่องโทรคมนาคมและอุปกรณ์ สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ จะเสนอให้คณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ เพิกถอนใบรับรองนี้

Customer Information Declaration of Conformity

เอกสารแนบ (Annex_2(1))

ที่ (No.): B3868T-25

รายละเอียดการรับรองเครื่องโทรคมนาคมและอุปกรณ์

1. สำหรับขออนุญาตการบริการการกระจายเสียง วิทยุโทรทัศน์และกิจการโทรคมนาคมแห่งชาติ ให้เอกสารดังต่อไปนี้ ประกอบการรับรองเครื่องโทรคมนาคมและอุปกรณ์ ตรายี่ห้อ MAZDA รุ่น CNA62A2
 - 1.1 สำนักงานงานเลขานุการของ BlueAsia Technical Services (Shenzhen) Co., Ltd., P.R. China
 - (V) GSM Test : หมายเลข BLA-EMC-202406-A0412 ลงวันที่ 6 กรกฎาคม 2567
 - (V) WCDMA Test : หมายเลข BLA-EMC-202406-A0413 ลงวันที่ 6 กรกฎาคม 2567
 - (V) LTE Test : หมายเลข BLA-EMC-202406-A0414 ลงวันที่ 6 กรกฎาคม 2567
 - (V) Bluetooth Test : หมายเลข BLA-EMC-202406-A0403 ลงวันที่ 6 กรกฎาคม 2567
 - (V) Bluetooth Test : หมายเลข BLA-EMC-202406-A0411 ลงวันที่ 6 กรกฎาคม 2567
 - (V) WLAN Test : หมายเลข BLA-EMC-202406-A0404 ลงวันที่ 6 กรกฎาคม 2567
 - (V) WLAN Test : หมายเลข BLA-EMC-202406-A0405 ลงวันที่ 6 กรกฎาคม 2567
 - (V) WLAN Test : หมายเลข BLA-EMC-202406-A0406 ลงวันที่ 6 กรกฎาคม 2567
 - (V) WLAN Test : หมายเลข BLA-EMC-202507-A1701 ลงวันที่ 9 กรกฎาคม 2568
 - (V) ENF Test : หมายเลข BLA-EMC-202406-A0410 ลงวันที่ 6 กรกฎาคม 2567
 - (V) ENF Test : หมายเลข BLA-EMC-202507-A1702 ลงวันที่ 9 กรกฎาคม 2568
 - (V) Safety Test : หมายเลข BLA-S-202406-A03 ลงวันที่ 21 สิงหาคม 2567
 - 1.2 แคตตาล็อก (Catalogue) และข้อกำหนดทางวิชาการ (Technical Specifications)
 - 1.3 ส่วนเอกสารแสดงการได้รับสิทธิในการผลิต คำ หรือจำหน่ายจากผู้ผลิตในต่างประเทศ (Authorized dealer/Representative) ที่แสดงความรับผิดชอบต่อเครื่องโทรคมนาคมและอุปกรณ์ตามเอกสาร Declaration Letter ของ Megatronix(Beijing) Technology Co., Ltd., P.R. China มีอายุ 1 ปี นับจากวันที่รับรอง 11 สิงหาคม 2568
2. เครื่องวิทยุคมนาคมตราสัญลักษณ์และรุ่นดังกล่าว มีลักษณะทางเทคนิคผ่านเกณฑ์ที่กำหนดตามประกาศ กทท. และ กสท. ดังต่อไปนี้
 - 2.1 เรื่อง มาตราฐานทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ สำหรับเครื่องวิทยุคมนาคมถูกขายในกิจการเคลื่อนที่ ทางบก ระบบโทรศัพท์เคลื่อนที่แบบไร้สาย (Cellular) ซึ่งใช้เทคโนโลยี GSM ลงวันที่ 28 มีนาคม พ.ศ. 2560 (กสท. มท. 1004-2560)
 - 2.2 เรื่อง มาตราฐานทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ สำหรับเครื่องวิทยุคมนาคมถูกขายในกิจการ โทรศัพท์เคลื่อนที่สากล International Mobile Telecommunications (IMT) ซึ่งใช้เทคโนโลยี IMT-2000 CDMA Direct Spread ลงวันที่ 28 มีนาคม พ.ศ. 2560 (กสท. มท. 1015-2560)
 - 2.3 เรื่อง มาตราฐานทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ สำหรับเครื่องวิทยุคมนาคมถูกขาย ในกิจการ โทรคมนาคมเคลื่อนที่สากล International Mobile Telecommunications (IMT) ซึ่งใช้เทคโนโลยี Evolution Universal Terrestrial Radio Access (E-UTRA) ลงวันที่ 28 มีนาคม พ.ศ. 2560 (กสท. มท. 1027-2560)
 - 2.4 เรื่อง มาตราฐานทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ สำหรับเครื่องวิทยุคมนาคมที่ใช้คลื่นความถี่ย่าน 2.4 กิกะเฮิรตซ์ และ 5 กิกะเฮิรตซ์ ลงวันที่ 22 ตุลาคม พ.ศ. 2562 (กสท. มท. 1035-2562)
 - 2.5 เรื่อง มาตราฐานความปลอดภัยต่อสุขภาพของมนุษย์จากการใช้เครื่องวิทยุคมนาคม ลงวันที่ 29 มีนาคม พ.ศ. 2550 (กสท. มท. 5001-2550)
 - 2.6 เรื่อง มาตราฐานทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ ด้านความปลอดภัยทางไฟฟ้า ลงวันที่ 13 ธันวาคม พ.ศ. 2561 (กสท. มท. 4001-2561)

Customer Information Declaration of Conformity

เอกสารแนบ (Annex) 2(2)

ที่ (No.) : 838687-25

3. รายละเอียดเครื่องวิทยุคมนาคม

3.1 รายละเอียดด้านความถี่วิทยุคมนาคมที่ได้รับการรับรองมาตรฐานทางเทคนิคของเครื่องวิทยุคมนาคม

เทคโนโลยี	Tx (MHz)	Rx (MHz)	กำลังส่งสูงสุด (วัตต์)
GSM 900	880-915	925-960	2
GSM 1800	1710-1785	1805-1880	1
WCDMA Band 1	1920-1980	2110-2170	0.25
WCDMA Band 8	880-915	925-960	0.25
LTE Band 1	1920-1980	2110-2170	0.20
LTE Band 3	1710-1785	1805-1880	0.20
LTE Band 6	880-915	925-960	0.20
LTE Band 28	703-748	759-803	0.20
LTE Band 40	2300-2400	2300-2400	0.20
Bluetooth	2400-2500	2400-2500	100 mW (e.i.r.p.)
WLAN 2.4 GHz	2400-2500	2400-2500	100 mW (e.i.r.p.)
WLAN 5.1 GHz	5150-5350	5150-5350	200 mW (e.i.r.p.)
WLAN 5.4 GHz	5470-5725	5470-5725	1 W (e.i.r.p.)
WLAN 5.8 GHz	5725-5850	5725-5850	1 W (e.i.r.p.)

3.2 รายละเอียดด้านความถี่วิทยุคมนาคมที่ได้รับการรับรองมาตรฐานทางเทคนิคของเครื่องวิทยุคมนาคม

เทคโนโลยี	Tx (MHz)	Rx (MHz)	กำลังส่งสูงสุด (วัตต์)
LTE Band 7	2500-2570	2620-2690	0.20
LTE Band 20	832-862	791-821	0.20
LTE Band 38	2570-2620	2570-2620	0.20
FM	N/A	87.5-108	-
AM	N/A	526.5-1606.5 kHz	-
DAB	N/A	173.028-239.2	-
GPS/Glonass/Galileo/BDS	N/A	1559-1610	-

3.3 เครื่องวิทยุคมนาคมควายี่ห้อและรุ่นดังกล่าว มีความหนาแน่นกำลัง (Power Density) ของคลื่นแม่เหล็กไฟฟ้าสูงสุด 4.09 W/m² @ 20 cm สำหรับเทคโนโลยี GSM 900 MHz

Customer Information Declaration of Conformity

Singapore:



CONFIDENTIAL

IMDA/EQR-003/01-105

7 November 2025

Trans Eurokars Pte Ltd
11 Kung Chong Road
Singapore 159147

By Email only

Attn: Mr Lok Keng Hoe Alan
Technical Support Manager

Dear Sirs

IMPORT AND SALE OF MAZDA CMAG2A2

- 1 We refer to the application on 17 September 2025 and subsequent clarification last received on 6 November 2025 from Trans Eurokars Pte Ltd ("Trans Eurokars") seeking IMDA's approval for the import and sale of machine-to-machine ("M2M") equipment, namely the MAZDA CMAG2A2 (the "CMAG2A2") with embedded overseas SIM card(s).
- 2 IMDA is pleased to inform that approval has been granted to Trans Eurokars for the import and sale of the CMAG2A2 with the specifications set out in Annex 1 for use in Singapore. If there is any change to the specifications set out in the Annex 1, Trans Eurokars is required to make a fresh application to IMDA for approval.
- 3 The approval is valid for a period of 5 years till **31 October 2030**. Trans Eurokars will need to seek IMDA's approval if it intends to continue selling the CMAG2A2 beyond the validity period.
- 4 IMDA would like to remind Trans Eurokars of its obligation to comply with all the licence conditions of its Dealer's Individual Licence, including the additional licence conditions for sale of M2M Equipment.
- 5 Please note that Trans Eurokars is required to ensure that all information submitted by Trans Eurokars to IMDA for the purpose of obtaining any approval is true and accurate. If any information submitted by Trans Eurokars is found to be false or misleading, any approval which is granted by IMDA as a result of the false or misleading information shall be null and void.

Page 1 of 2

@IMDAsg | #IMDDigitalArchitect

10 Pairi Panjang Road, #02-01 MapleTree Business City, Singapore 117128
T: (65) 6377 3800 F: (65) 6577 3883 www.imda.gov.sg

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- 6 For the avoidance of doubt, where IMDA grants any approval for the importation for local sale of any M2M equipment, this shall not be construed as an IMDA guarantee for the proper functioning, performance or quality of the equipment. Suppliers must ensure that the equipment inter-works properly with the public telecommunication network. IMDA shall not be liable for any interference caused to any other equipment, injury, loss of life and/or damages to property whatsoever, whether as the direct or indirect result of the use of any such M2M equipment.
- 7 Please acknowledge receipt by signing on the acknowledgement portion of this letter and returning the same to our office.
- 8 If you have further queries, please email equipment_reg_dealers@imda.gov.sg.

Yours faithfully

Eileen Boo (Ms)
Assistant Director, Licensing

This is a computer-generated letter.
No signature is required.

Encl./

Customer Information Declaration of Conformity



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Annex 1

Brand/Trade Name	: MAZDA
Model No.	: CMAG2A2 (c/w Quectel AG35-E)
Equipment Description	: Connectivity Assy
Frequency Range (Tx/Rx)	: 703 – 748 MHz / 758 – 803 MHz 880 – 915 MHz / 925 – 960 MHz 1710 – 1785 MHz / 1805 – 1880 MHz 1920 – 1980 MHz / 2110 – 2170 MHz 2500 – 2570 MHz / 2620 – 2690 MHz 2300 - 2400 MHz (TDD) 2570 - 2620 MHz (TDD) 2402 – 2480 MHz, 2400 – 2483.5 MHz 5150 - 5350 MHz, 5470 - 5725 MHz 5725 - 5850 MHz
RF Output Power	: 23 dBm (LTE B1,3,7,8,28,38,40) 2.85 dBm (BT) ≤ 23 dBm (2.4 GHz and 5.2 GHz WLAN) ≤ 30 dBm (5.4 GHz and 5.8 GHz WLAN)
Technical Specification	: IMDA TS CMT and IMDA TS SRD
Overseas SIM Card Provider	: Vodafone
M2M Service Provider	: Vodafone Enterprise Singapore Pte Ltd

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Purpose of use

- : (1) OTA (Chang'an Cloud), such as Vehicle VIN, ECU Software Version after updating for Vehicle ECU Software upgrade.
- (2) Account (Chang'an Cloud), Remote Vehicle Control (Chang'an Cloud), such as Vehicle Motion Technical Data, Vehicle condition data, User usage behavior data etc., for Remote Control Service function.
- (3) Voice (Meijie Cloud), Navigation (Taiwei Cloud), such as User's voice record/original speak after wakeup, Identification Code (VehicleID).

Customer Information Declaration of Conformity

Malaysia:



CERTIFICATE OF CONFORMITY

Type Approval Code: **RGWQ/50B/1125/S(25-6055)**
Application Number: SQAS/TA/25/6055

This certificate is granted to
BERMAZ MOTOR TRADING SDN. BHD.
NO 7, JALAN PELUKIS U1/46 TEMASYA INDUSTRIAL PARK SEKSYEN U1 40150 S.ALAM, SELANGOR

It is hereby certified that
MODEL: CMAG2A2
MARKETING NAME: CMAG2A2
BRAND: MAZDA

For device category
CAR INFOTAINMENT (HYBRID AUTOMOTIVE)

Product Features:
LTE [800 (B20), 900 (B8), 1800 (B3), 2100 (B1), 2300 (B40), 2600 (B7), 2600 (B38)]
GSM [900, 1800]
IPv6 [RFC 6200]
WLAN [802.11b/g/n: 2400 MHz - 2483.5 MHz, 802.11a/n/ac: 5150 MHz - 5350 MHz, 5725 MHz - 5875 MHz]
bluetooth [2400 MHz - 2483.5 MHz]

Approval Date: 24 November 2025 Expiry Date: 23 November 2030

This device has been granted Type Approval for its communication and wireless features pursuant to the Communications and Multimedia Act 1998 and the Technical Standards Regulations 2000. Compliance with all other applicable Malaysian regulations is mandatory, where relevant.



Certificate Number:
224575


Ts. Md. Adha bin Katni @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.



**STANDARDS
MALAYSIA**
ACCREDITED
ACB 001

SIRIM QAS International Sdn. Bhd. (Company No. 410394-X) 1, Pendaratan Darul Mersil Section 2, P.O.Box 7035, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Telephone: 603 5544 6400 Fax: 603 5544 6810

Customer Information

Declaration of Conformity



CERTIFICATE OF CONFORMITY

Type Approval Code: RGWQ/50B/1125/S(25-6055)
Application Number: SQAS/TA/25/6055

MODEL: CMAG2A2
MARKETING NAME: CMAG2A2
BRAND: MAZDA
Consists: 1 SIM, 1 IMEI

Complies to
TECHNICAL CODE
MCMC MTSFB TC T015:2022
MCMC MTSFB TC T013:2019

TECHNICAL SPECIFICATION
SKMM WTS GSM-MT REV. 1.01:2007

Approval Date: 24 November 2025

Expiry Date: 23 November 2030

This device has been granted Type Approval for its communication and wireless features pursuant to the Communications and Multimedia Act 1998 and the Technical Standards Regulations 2000. Compliance with all other applicable Malaysian regulations is mandatory, where relevant.



Certificate
Number:
224575


Ts. Md. Adha bin Katni @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.



ACB 001

SIRIM QAS International Sdn. Bhd. (Company No. 410334-X) 1, Persiaran Dato' Menteri Section 2, P.O. Box 7035, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Telephone: 603 5544 6400 Fax: 603 5544 6810

Customer Information Declaration of Conformity

Hong Kong(China):



Date: 01 Sep 2025

Megatronix(Beijing) Technology Co.,Ltd
Room 1101, 11th Floor, Building 6, No.34 Courtyard Chuangyuan Road, Chaoyang District, Beijing,
China

Attn: Wang Rui

Dear Wang Rui,

Type Approval / Conformance of Equipment
2.4 / 5 GHz Wireless LAN Equipment;
Radio Equipment Exempted from Licensing
MAZDA CMAG2A2

I am pleased to inform you that the above equipment is found to comply with the technical standards laid down by the Communications Authority. The LCB equipment certification arrangement is referred to OFCA LCB Scheme. The LCB Scheme is a Type 1a product certification scheme in accordance with ISO/IEC 17067:2013.

I enclose the Certificate of Type Approval/Conformance of the equipment for your retention.

For your information, Telecommunications Apparatus, which has been certified by the Local Certification Body, is eligible to be affixed with a label for consumers' information. You are encouraged to affix the label on the equipment or its package before putting it to the market.

Please refer to Attachment 1 for the format of the label.

Yours sincerely,

Digitally signed by Ho
Wai Kin, Issn
Location: Intertek Testing
Services Hong Kong Ltd.

Ho Wai Kin, Ben
Senior Technical Supervisor

Intertek Testing Services Hong Kong Ltd.
2/F, Government Centre, 576 Castle Peak Road, Kowloon, Hong Kong SAR, China.
Tel: (852) 2173 8888 Fax: (852) 2755 5457 Website: <http://www.intertek.com>

Intertek Hong Kong - CFI-APAC-CERT-010 / Effective Date: 03-Dec-2019

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Customer Information

Declaration of Conformity



Attachment 1 - Label Format

C ertified for use in Hong Kong 經認證可在香港使用	
Certificate No. 證書號碼 HK002YYXXXX	Serial number of certificate issued during that calendar year 於該曆年發出的證書的編號
 通訊事務管理局 COMMUNICATIONS AUTHORITY	Year of Issue 發證年份

LDB code of Intertek Testing Services Hong Kong Ltd. - Commercial & Electrical Division assigned by OFCA
通訊辦向天祥公證行有限公司 - 應用及電子電氣部編配的本地驗證機構編號

The Certificate No. assigned for MAZDA CMAG2A2 will be:

HK0022500116.

Notes:

- 1) For detailed requirement on the label formats, please refer to HKCA 3211 - Standardisation Guide for Labelling of Telecommunications Equipment.
- 2) The label template can be obtained from <http://www.intertek.com.hk/electronics/lcb/>.

Intertek Testing Services Hong Kong Ltd.
2/F, Garment Center, 576 Castle Peak Road, Kowloon, Hong Kong SAR, China.
Tel: (852) 1273 8888 Fax: (852) 2795 5447 Website: <http://www.intertek.com>

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Page 2 of 2

Customer Information Declaration of Conformity



Certificate of Type Approval

This is to certify that the equipment below has been evaluated and found to comply with the HKCA 1039 (Issue 7) performance specification(s) issued by the Communications Authority under Scheme on Certification of Telecommunications Equipment and Industrial, Scientific and Medical (ISM) Equipment by the Local Certification Bodies ("LCB Scheme") (OFCA 1426(22) Issue 5, April 2022).

Name & Address of Certificate Holder: Megatronix(Beijing) Technology Co.,Ltd
Room 1101, 11th Floor, Building 6, No.34 Courtyard Chuangyuan road,
Chaoyang District, Beijing, China

Name & Address of Manufacturer: Megatronix(Beijing) Technology Co.,Ltd
Room 1101, 11th Floor, Building 6, No.34 Courtyard Chuangyuan road,
Chaoyang District, Beijing, China

Equipment information

- **Type of Equipment:**
1) 2.4 / 5 GHz Wireless LAN Equipment
2) Radio Equipment Exempted from Licensing
- **Brand name:** MAZDA
- **Model number:** CMAG2A2
- **Trade name:** CONNECTIVITY ASSY

HKCA Specification/ Issue date: HKCA 1039 Issue 7 (August 2024)

Certification Issuing Office Name & Address: Intertek Testing Services Hong Kong Ltd.
2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong SAR, China.

Certification Number: HK0022500116

File Reference Number: HK25070412

Equipment information and conditions of certificate can be found on page 2 & 3.


Digitally signed by Ho
Wai Kin, Ben
Location: Intertek
Testing Services Hong
Kong Ltd

Signature
Name: Ho Wai Kin, Ben
Position: Senior Technical Supervisor
Date: 01 Sep 2025

1. Intertek's responsibility and liability are limited to the LCB Certification Terms and Conditions (Version 6, Aug. 2024). Intertek assumes no liability to any party, other than to the Certificate Holder in accordance with the agreement, for any loss, expense or damage occasioned by the use of this document and/or certificate. Only the Certificate Holder is authorised to permit copying or distribution of this document and/or certificate and then only in its entirety. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.
2. Intertek Testing Services Hong Kong Ltd., 2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong SAR, China., Tel: (852) 2173 8888, Fax: (852) 2785 1487.

Intertek

Page 1 of 3

Intertek Hong Kong - CT-L-APAC-CERT-007 (1-August-2024)

Customer Information

Declaration of Conformity



Equipment Information (cont.)

- Frequency Range:
 - 1) TX: 2400 MHz to 2483.5 MHz; RX: 2400 MHz to 2483.5 MHz;
TX: 5150 MHz to 5250 MHz; RX: 5150 MHz to 5250 MHz;
TX: 5470 MHz to 5725 MHz; RX: 5470 MHz to 5725 MHz
 - 2) TX: 2400 MHz to 2483.5 MHz; RX: 2400 MHz to 2483.5 MHz
 - RF Power:
 - 1) 35.563 mW (e.i.r.p.); 35.481 mW (e.i.r.p.); 43.752 mW (e.i.r.p.)
 - 2) 1.95 mW (e.i.r.p.)
 - Type of modulation:
 - 1) DSSS, OFDM; 0 FDM; OFDM
 - 2) GFSK, pi/4DQPSK, 8DPSK
 - Emission Designation:
 - N/A
 - Antenna Information:
 - 1) PCB antenna
 - 2) PCB antenna
 - Specific Absorption Rate (SAR) Value (for hand-held mobile station):
 - N/A
- Notes (if any): HKTA 1033 (Issue 7), HKTA 1048 (Issue 2), HKCA 1057 (Issue 2), HKCA 1073 (Issue 1), HKCA 1035 (Issue 7) certificate is covered in certification number HK0022500115

Certification Number: HK0022500116

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Intertek

Page 2 of 3

Intertek Hong Kong - CT-L-APAC-CERT-007 [1-August-2024]

Customer Information Declaration of Conformity



Conditions of Certificate

1. This certificate may be withdrawn if the equipment marketed is found not meeting the technical specification(s) prescribed by the Communications Authority or any of the conditions on this certificate is breached.
2. The certificate holder shall perform remedial actions or recall the certified equipment marketed in Hong Kong as may be required by Intertek Testing Services Hong Kong Ltd or the Communications Authority if they are found not meeting the prescribed technical or safety requirements.
3. Prior approval from Intertek Testing Services Hong Kong Ltd is required for any alteration in Model No. / Brand Name or other particulars for this equipment.
4. No electrical or mechanical change shall be made to this equipment without prior approval from Intertek Testing Services Hong Kong Ltd.
5. The Communications Authority retains all authority under the law to interpret, implement and enforce the relevant technical regulations governing telecommunications equipment, as well as industrial, scientific and medical equipment emitting radio frequency energy intentionally, which is for use or sale in Hong Kong.
6. The certificate holder allows the Office of the Communications Authority to publish the relevant technical information on its website.
7. This certificate may be withdrawn and all the marketed equipment may be recalled if the equipment is a customer premises equipment and generates connection problems in the Hong Kong public telecommunications network.

Certification Number: HK0022500116

1. Intertek's responsibility and liability are limited to the ICB Certification Terms and Conditions (Version 6, Aug. 2024). Intertek assumes no liability to any party, other than to the Certificate Holder in accordance with the agreement, for any loss, expense or damage occasioned by the use of this document and/or certificate. Only the Certificate Holder is authorized to permit copying or distribution of this document and/or certificate and then only in its entirety. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.
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Intertek

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Intertek Hong Kong – CT-U-APAC-CERT-007 (1-August-2024)

Customer Information

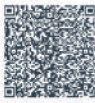
Declaration of Conformity

▼ Emergency Call System

Europe (All countries excluding Cyprus, Malta, Ireland and UK):



CERTIFICATE of EXAMINATION



Certificate Validation

NOTIFIED BODY EU-TYPE EXAMINATION CERTIFICATE
STCT2619-EU / 20 Feb 2023 / Rev A
Radio Equipment Directive (RED) 2014/53/EU

MiCOM Labs Inc., Notified Body Number 2280 declares, on the basis of the assessment of the tests and the technical documentation provided by the applicant that the following product complies with the essential requirements of the above noted Directive:

Product Name:
Telomatics Control Unit

Approval Holder Name:
Flaircomm Microelectronics, Inc.



CE



Gordon Hurst, Product Certifier

This Certificate is issued under the Authority of:
MiCOM Labs Inc., 575 Boulder Court, Pleasanton, California 94566, USA
Notified Body Number: 2280

Page 1 of 7

STCT2619-EU

Doc-Gen-0246

Customer Information
Declaration of Conformity



Notified Body EU Type Examination Certificate

STCT2619-EU / 20 Feb 2023 / Rev A

for Radio Equipment Directive (RED) 2014/53/EU

Product Name:

Telematics Control Unit

Product Model Numbers: **FLC-WNP265, FLC-WNP265X, FLC-STU265X, FLC-WNP265-W**

Approval Holder: **Flaircomm Microelectronics, Inc.,** 7F, Guomai Building, Guomai Science and Technology Park, 116 Jiangbin East Avenue, Mawei District, Fuzhou, Fujian, China

Product Manufacturer: **Flaircomm Microelectronics, Inc.,** 7F, Guomai Building, Guomai Science and Technology Park, 116 Jiangbin East Avenue, Mawei District, Fuzhou, Fujian, China

Standards	
Group	Name
Article 3.1 (a) Health & Safety	EN IEC 62368-1:2020+A11:2020
	EN IEC 62311:2020
Article 3.1 (b) Electromagnetic Compatibility	EN 301 488-52 V1.2.1
	EN 301 488-19 V2.2.1
	EN 301 488-1 V2.2.3
	EN 303 413 V1.2.1
Article 3.2 Effective Use of Spectrum	EN 301 511 V12.5.1
	EN 301 908-1 V15.2.1
	EN 301 908-2 V13.1.1
	EN 301 908-13 V13.2.1

MICOM Labs, 575 Boulder Court, Pleasanton, California 94566, USA
Tel: +1 (925) 462-0304, Fax: +1 (925) 462-0305, Web: www.micomlabs.com
Page 2 of 7

Doc-Gen-624q

STCT2619-EU

Customer Information

Declaration of Conformity

NOTES: 1550507475450009391000193220209 E

MICOM Labs

Notified Body EU-Type Examination Certificate
STCT2619-EU / 20 Feb 2023 / Rev A
for Radio Equipment Directive (RED) 2014/53/EU

Annex 1 to EU-Type Examination
EU-Type examination on the essential requirements
Article 3

Article 3.1 - a) Health and Safety	Assessed
Article 3.1 - b) Electromagnetic compatibility	Assessed
Article 3.2 - Effective use of radio spectrum	Assessed
Article 3.3 - a) interworks with Accessories/Chargers	Not Applicable
Article 3.3 - b) interworks with Radio Networks	Not Applicable
Article 3.3 - c) can connect to interfaces	Not Applicable
Article 3.3 - d) does not harm the network, misuse network resources	Not Applicable
Article 3.3 - e) privacy protections	Not Applicable
Article 3.3 - f) fraud protections	Not Applicable
Article 3.3 - g) emergency services access	Not Applicable
Article 3.3 - h) assist users with disabilities	Not Applicable
Article 3.3 - i) integrity of software	Not Applicable

Description of Apparatus

Company Name	Flaircomm Microelectronics, Inc.
Certification No.	STCT2619-EU
Issue Date / Rev	20 Feb 2023 / Rev A
Equipment Description	Telematics Control Unit
Hardware Version	V1.1
Firmware Version	MCU:V1.0 MPU:V1.0

MICOM Labs, 575 Boulder Court, Pleasanton, California 94566, USA
Tel: +1 (925) 452-0304, Fax: +1 (925) 452-0306, Web: www.micomlabs.com
Page 3 of 7

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Doc: Cert-24

Customer Information Declaration of Conformity

MiCOM Labs NOTIFIED BODY

Notified Body EU-Type Examination Certificate
STCT2619-EU / 20 Feb 2023 / Rev A
for Radio Equipment Directive (RED) 2014/53/EU

Emission Information

Technology	Frequency MHz		Emission Designator	RF Power		
	From	To		Max	Type	Field Strength
GPS	1575.42MHz	1575.42MHz		--	--	--
BCD	1661.098MHz	1661.098MHz		--	--	--
GLONASS	1602MHz	1602MHz		--	--	--
Galileo	1561.098MHz	1561.098MHz		--	--	--
E-GSM/GPRS/EGPRS 900 U/L/DL	880/925MHz	915/960MHz		1.8197W	Conducted	--
GSM/GPRS/EGPRS 1800 U/L/DL	1710/1805MHz	1785/1880MHz		0.3863W	Conducted	--
UTRA Band I U/L/DL	1920/2110MHz	1980/2170MHz		0.2606W	Conducted	--
UTRA Band VIII U/L/DL	880/925MHz	915/960MHz		0.2594W	Conducted	--
LTE Band 1 U/L/DL	1920/2110MHz	1980/2170MHz		0.246W	Conducted	--
LTE Band 3 U/L/DL	1710/1805MHz	1785/1880MHz		0.2032W	Conducted	--
LTE Band 7 U/L/DL	2500/2620MHz	2670/2690MHz		0.1618W	Conducted	--
LTE Band 9 U/L/DL	880/925MHz	915/960MHz		0.2489W	Conducted	--
LTE Band 20 U/L/DL	832/791MHz	862/821MHz		0.2382W	Conducted	--
LTE Band 25 U/L/DL	703/758MHz	746/803MHz		0.2259W	Conducted	--
LTE Band 38 U/L/DL	2570/2579MHz	2620/2620MHz		0.1977W	Conducted	--
LTE Band 40 U/L/DL	2300/2300MHz	2400/2400MHz		0.2W	Conducted	--

Technical Construction File Details: (Documents Reviewed)

Technical Report(s):	Supporting Documentation:
Article 3.1(a) Health & Safety: TCT230206E937	Service Agreement Agent Authorization
TCT230207S905	EU Application
Article 3.1(b) Electromagnetic Compatibility: TCT230206E938	EU Declaration of Conformity Block Diagram
Article 3.2 Effective Use of Spectrum: TCT230206E931	BOM or Parts List External Photographs
TCT230206E930	Internal Photographs
TCT230206E935	Label and its Location
TCT230206E929	Operational Description PCB Layout Risk Assessment Report and other supporting documents (Radio) Schematics Test Setup - EU User Manual Original EU_Cert

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Tel: +1 (925) 462-0304, Fax: +1 (925) 462-0306, Web: www.micomlabs.com
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STCT2619-EU

Customer Information Declaration of Conformity

A59E1556CA7549B08B915008F02Z32B9-E

MICOM Labs.

Notified Body EU-Type Examination Certificate
STCT2619-EU / 20 Feb 2023 / Rev A
for Radio Equipment Directive (RED) 2014/53/EU

Scope

This EU-Type Examination Certificate is given in respect of compliance of radio spectrum use Article 3 Paragraph 2 of the RED Directive 2014/53/EU. The scope of the evaluation and this certificate relates only to those items identified in Annex 1 to EU-Type Examination Certificate for the specific product and Certificate number referenced above.

EU Type Examination was performed according to Module B: EU-type examination procedure per Annex III the Directive on the essential requirements in Article 3, for the specific product and Certificate Number referenced above.

This EU Type Examination Certificate is based upon the review of the Technical Documentation and supporting evidence for the adequacy of the technical design solution, it is only valid in conjunction with the attached Annexes. The scope of this statement relates to a single sample of the apparatus identified above and of the submitted documents only.

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Tel: +1 (925) 462-0364, Fax: +1 (925) 462-0306, Web: www.micomlabs.com
Page 6 of 7

Doc: Cert244
STCT3519-EU

Customer Information Declaration of Conformity

ABE155CA75480B915D0F02C368-E

MICOM Labs.

Notified Body EU-Type Examination Certificate

STCT2619-EU | 20 Feb 2023 | Rev A

for Radio Equipment Directive (RED) 2014/53/EU

**Annex 2 to EU-Type Examination
Obligations of the Applicant**

Ref RED 2014/53/EU Article 10 - Obligations of manufacturers

1. When placing their radio equipment on the market, manufacturers shall ensure that it has been designed and manufactured in accordance with the essential requirements set out in Article 3.
2. Manufacturers shall ensure that radio equipment shall be so constructed that it can be operated in at least one Member State without infringing applicable requirements on the use of radio spectrum.
3. Manufacturers shall draw up the technical documentation referred to in Article 21 and carry out the relevant conformity assessment procedure referred to in Article 17 or have it carried out. Where compliance of radio equipment with the applicable requirements has been demonstrated by that conformity assessment procedure, manufacturers shall draw up an EU declaration of conformity and affix the CE marking.
4. Manufacturers shall keep the technical documentation and the EU declaration of conformity for 10 years after the radio equipment has been placed on the market.
6. Manufacturers shall ensure that procedures are in place for series production to remain in conformity with this Directive. Changes in radio equipment design or characteristics and changes in the harmonised standards or in other technical specifications by reference to which conformity of radio equipment is declared shall be adequately taken into account.

When deemed appropriate with regard to the risks presented by radio equipment, manufacturers shall, to protect the health and safety of end-users, carry out sample testing of radio equipment made available on the market, investigate, and, if necessary, keep a register of complaints, of non-conforming radio equipment and radio equipment recalls, and shall keep distributors informed of any such monitoring.

6. Manufacturers shall ensure that radio equipment which they have placed on the market bears a type, batch or serial number or other element allowing its identification, or, where the size or nature of the radio equipment does not allow it, that the required information is provided on the packaging, or in a document accompanying the radio equipment.
7. Manufacturers shall indicate on the radio equipment their name, registered trade name or registered trade mark and the postal address at which they can be contacted or, where the size or nature of radio equipment does not allow it, on its packaging, or in a document accompanying the radio equipment. The address shall indicate a single point at which the manufacturer can be contacted. The contact details shall be in a language easily understood by end-users and market surveillance authorities.
8. Manufacturers shall ensure that the radio equipment is accompanied by instructions and safety information in a language which can be easily understood by consumers and other end-users, as determined by the Member State concerned. Instructions shall include the information required to use radio equipment in accordance with its intended use. Such information shall include, where applicable, a description of accessories and components, including software, which allow the radio equipment to operate as intended. Such instructions and safety information, as well as any labelling, shall be clear, understandable and intelligible.

The following information shall also be included in the case of radio equipment intentionally emitting radio waves:

- (a) frequency band(s) in which the radio equipment operates;
- (b) maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates.

9. Manufacturers shall ensure that each item of radio equipment is accompanied by a copy of the EU declaration of conformity or by a simplified EU declaration of conformity. Where a simplified EU declaration of conformity is provided, it shall contain the exact internet address where the full text of the EU declaration of conformity can be obtained.
10. In cases of restrictions on putting into service or of requirements for authorisation of use, information available on the packaging shall allow the identification of the Member States or the geographical area within a Member State where restrictions on putting into service or requirements for authorisation of use exist. Such information shall be completed in the instructions accompanying the radio equipment. The Commission may adopt implementing acts specifying how to present that information. Those implementing acts shall be adopted in accordance with the advisory procedure referred to in Article 45(2).

MICOM Labs, 575 Boulder Court, Pleasanton, California 94566, USA
Tel: +1 (925) 462-0394, Fax: +1 (925) 462-0396, Web: www.micomlabs.com
Page 6 of 7

STCT2019-EU

Doc: Cert-0244

ABE155CA75480B915D0F02C368-E

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Customer Information Declaration of Conformity

Cyprus, Malta, Ireland, UK:

COMPLIANCE



VERIFICATION OF COMPLIANCE

No.:	SUES2507001388AT
Applicant:	Flaircomm: Microelectronics, Inc. 5F, Building 1, 116 Jiangbin East Avenue, Mawei District, Fuzhou City, Fuzhou Province, China
Manufacturer:	Flaircomm: Microelectronics, Inc. 5F, Building 1, 116 Jiangbin East Avenue, Mawei District, Fuzhou City, Fuzhou Province, China
Product Name:	CONTROLLER ASSY.VEHICLE COMMUNICATON
Product Description:	CONTROLLER ASSY.VEHICLE COMMUNICATON
Model No.:	FLC-WNP28D, FLC-STU28DX, FLC-WNP28DX
Trade Mark:	--
Rating:	9Vd.c.-10Vd.c., 0,5A-1,0A, 15W
Protection against Electric Shock:	Class III
Additional Information (if any):	None
Sufficient samples of the product have been tested and found to be in conformity with	
Test Standard:	EN IEC 62368-1: 2020 + A11: 2020
as shown in the	
Test Report Number(s):	SUES250700138801
This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards.	
 Technical Manager  2025-09-02 SGS-CSTC Standards Technical Services Co., Ltd.	
This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/conditions and http://www.sgs.com/conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not constitute parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.	
SGS-CSTC Standards Technical Services Co., Ltd. 16F, Century Yu Hai Mansion, No.13, Fuzheng Road, Haizhen District, Beijing, 100142, CHINA www.sgs.com.cn Member of the SGS Group (SGS SA) Safety-VOC-F05/ Rev 2.0/2024-03-25 Page 1 of 1	

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Customer Information Declaration of Conformity


 0598

CERTIFICATE RED-3953
Issue no. Issue 1

EU TYPE EXAMINATION CERTIFICATE
RADIO EQUIPMENT DIRECTIVE 2014/53/EU

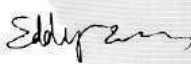
Product	CONTROLLER ASSY.VEHICLE COMMUNICATION
Model	FLC-WNP26D
Series models	-
Trademark	-
Certificate holder / Manufacturer	Flaircomm Microelectronics, Inc. 5F, Building 1, 116 Jiangbin East Avenue, Mawei District, Fuzhou, Fujian, China
Other information	-

Compliance with the requirements on the basis of type examination Product fulfils the requirements of the standard(s) listed on page 2 and the essential requirements set out in Article 3.3d (Cyber security) of the Radio Equipment Directive 2014/53/EU.

Validity This certificate is valid until 2030-08-28 unless the standard in question has been amended or superseded.

Date of issue 2025-08-28

SGS Fimko Oy

Signature 
Eddy Zong
Certifier

SGS Fimko Oy is a Notified Body (0598) according to the RE Directive 2014/53/EU.

Page 1 of 2

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Certificate issued by
SGS Fimko Oy
Takomitie 8
FI-00380 Helsinki, Finland
t. +358 9 696 361 www.sgs.com
Business ID 0634247-4 Member of the SGS Group (SGS SA)



Customer Information Declaration of Conformity



Page 2 of 2 to Certificate:

RED-3953
Issue 1

Applied standards

Article	Standard
3.3d	EN 18031-1:2024

Test reports

Testing Laboratory	Report Number	Date
SGS-CSTC	SHC5250700046301	2025-08-28

Technical Information

Model: FLC-WNP26D
Hardware version: HWD.00.1
Software version: SWD.00.1

Radio Technology:	Frequency Band (MHz)	Transmitter Power
GSM5	1559 - 1610	Receiver
GSM500	880 - 915	33.04 dBm
DCS1800	1710 - 1785	29.00 dBm
WCDMA Band 1	1920 - 1980	22.45 dBm
WCDMA Band 8	880 - 915	22.57 dBm
LTE Band 1	1920 - 1980	23.32 dBm
LTE Band 3	1710 - 1785	23.19 dBm
LTE Band 7	2500 - 2570	23.55 dBm
LTE Band 8	880 - 915	22.66 dBm
LTE Band 20	832 - 862	22.39 dBm
LTE Band 28	703 - 748	22.37 dBm
LTE Band 34	2010 - 2025	23.12 dBm
LTE Band 38	2570 - 2620	22.94 dBm
LTE Band 40	2300 - 2400	24.10 dBm
LTE Band 41	2496 - 2690	23.72 dBm

Additional Information

This type examination certificate is based on the inspection of the technical documentation ref. no. TF_SH-CERT250808395-01 provided by the manufacturer.

This certificate is valid only for the models mentioned in this certificate.

The manufacturer must inform SGS Fimko if any technical or electrical changes made to the product covered by this certificate, as unauthorised modifications would invalidate this certificate.

Page 2 of 2

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Certificate issued by

SGS Fimko Oy
Tähtimäentie 8
FI-00380 Helsinki, Finland
t. +358 9 696 361 www.sgs.com
Business ID 0034247-4 Member of the SGS Group (SGS SA)



Customer Information

Declaration of Conformity

▼ High-voltage battery

Europe (All countries excluding Cyprus, Malta, Ireland and UK):

EU Declaration of Conformity

No.: XLBA3N-P20241210A

Product Name: Lithium Battery Pack System

Product Model: XLBA3N

Battery Category: Electric vehicle battery

Manufacturer's Name: Contemporary Amperex Technology Co., Limited

Manufacturer's Address: No. 2, Xingang Road, Zhangwan Town, Jiaocheng District, Ningde, Fujian, P.R. China

Authorised representative's Name: N/A

Authorised representative's Address: N/A

We, *Contemporary Amperex Technology Co., Limited*, declare under our sole responsibility that the above referenced product is in conformity with the applicable requirements of the following Regulations:

EU Battery Regulation: (EU) 2023/1542

Conformity with these directives has been assessed for the product by demonstrating compliance to the following technical specifications/standards and/or regulations:

Restrictions on substances	Article 6 to Regulation (EU) 2023/1542
Performance and durability requirements	Article 10 to Regulation (EU) 2023/1542
Labelling and marking	Article 13 to Regulation (EU) 2023/1542
Information on the state of health and expected lifetime of batteries	Article 14 to Regulation (EU) 2023/1542

References to the relevant Union harmonization legislation, the relevant harmonized standards or the common specifications used or references to the other technical specifications in relation to which conformity is declared:

Reference & Date	Title
Regulation (EC) No 1907/2006	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
2000/53/EC& amending Directive (EU) 2023/544	Directive 2000/53/EC of the European parliament and of the council on end-of life vehicles& regards the exemptions for the use of lead in aluminum alloys for machining purposes, in copper alloys and in certain batteries
Directive 2011/65/EU	2011/65/EU of the European parliament and of the council of June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic

CE

1 / 2

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	equipment
Regulation (EC) No 765/2008	The requirements for accreditation and market surveillance relating to the marketing of products
Directive 2006/66/EC	Directive 2006/66/EC of the European Parliament and of the Council of 6 September 2006 on batteries and accumulators and waste batteries and accumulators
UN ECE R100 Rev.3	ECE (Economic Commission for Europe) Regulation No.100
UN 38.3	UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS", Manual of Tests and Criteria ST/SG/AC.10/11/Rev.8, 38.3
IEC 62321	Determination of certain substances in electrotechnical products

Signed for and on behalf of: Contemporary Amperex Technology Co., Limited
 Place: Ningde, China Date: 2024-12-10
 Name: Liyan Zhang Position: Product Engineer
 Signature: Liyan Zhang



Customer Information

Declaration of Conformity

No. EZ-6-79970-1

EU DECLARATION OF CONFORMITY

1. Battery model (product, category, and batch or serial number):
Product Name: Lithium Battery Pack System
Product Model: XLBA1H
Battery Category: Electric Vehicle Battery
2. Name and address of the manufacturer and, where applicable, its authorised representative:
Manufacturer's Name: Chongqing Chang'an Automobile Co., Ltd.
Manufacturer's Address : No.260, Jianxin East Road, Jiangbei District, Chongqing City, China.
Authorised representative's Name: Ms.Jiebo Qiu
Authorised representative's Address: Zonnehof 105,2632 BJ,Nootdorp
3. This declaration of conformity is issued under the responsibility of the above manufacturer.
4. Object of the declaration (description of the battery and identification allowing traceability, and which may, where appropriate, include an image of the battery):
Description : Li-ion battery

Battery traceability barcode label:



Battery traceability QR code label:

5. The object of the declaration described in point 4 is in conformity with the relevant Union harmonisation legislation:
REGULATION(EU)2023/1542

6. References to the relevant harmonised standards or the common specifications used or references to the other technical specifications in relation to which conformity is declar:

Regulation (EC) No 1907/2006
2000/53/EC&amending Directive (EU) 2023/544
Directive 2011/65/EU
Regulation (EC) No 765/2008
Directive 2006/66/EC

UN ECE R100 Rev.3
UN38.3
IEC 62321

8. Additional information:
None

Date: 2025-1-24

Position: Product Engineer
Place: Chongqing, China

Customer Information

Declaration of Conformity

Cyprus, Malta, Ireland, the United Kingdom, Thailand, Singapore, Indonesia, Malaysia, Hong Kong (China), Macau (China), Australia and New Zealand:



No. CALB-EU-J90K EU -01

EU Declaration of Conformity

We, CALB Group Co., Ltd., located at No. 1 Jiangdong Avenue, Jintan District, Changzhou City, Jiangsu Province, P. R. China, declare under our sole responsibility that the product:

Product Name	PACK ASSEMBLY
Product Model	XLBA5J
Product Classification	Electric vehicle battery (Lithium ion Battery)
Product traceability information	 "Reflected in the battery traceability barcode label, Please refer to the technical document 2.1.3"
Product Image	

to which this declaration relates, conforms to the provisions of the following EU Directives and Regulations:

Regulation (EU) 2023/1542 on Batteries and Waste Batteries
Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment
Regulation (EC) No 1907/2006 (REACH) concerning the registration, evaluation, authorization, and restriction of chemicals
ELV Directive 2000/53/EC as amended by Commission Delegated Directive (EU) 2023/544 on end-of life vehicles & regards the exemptions for the use of lead in aluminum alloys for machining purposes, in copper alloys and in certain batteries
The following harmonized standards and technical specifications have been applied: UN 38.3 Rev.8-2023 Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria ST/SG/AC.10/11/Rev.8, 38.3 UN ECE Regulation No. 100 (R100.03) Uniform provisions concerning the approval of vehicles with regard to specific requirements for the electric power train

This declaration is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of:

Company Name: CALB Group Co., Ltd.

Authorized Representative (if applicable): N/A

Name: Xiang Zheng, Ph.D.

Position: Director of Strategy & Branding

Place of Issue: Changzhou, Jiangsu, P.R.C

Date of Issue: 2023.11.04

Signature: 

Customer Information Declaration of Conformity

▼ Tyre Pressure Monitoring System (TPMS)

Europe:

		Automotive
Continental Automotive Technologies GmbH, Siemensstr. 12, D-93055 Regensburg		
		Anamaria Pereni A HEAT LM TSR CE HW EU2 TSR COE HOM Tel: +40 374- 35-5511 Fax: +40 374- 35-5511 anamaria.pereni@continental-corporation.com
Date 25.07.2022	Internal reference no. RED_EU-DOC_TIS-09DL	
EU Declaration of Conformity in accordance with Directive 2014/53/EU¹ (EN)		
This declaration of conformity is issued under the sole responsibility of the manufacturer. ²		
Manufacturer: ³ Address: ²	Continental Automotive Technologies GmbH Siemensstrasse 12 D-93055 Regensburg Germany	
Product type designation: ⁴	Tire pressure monitoring sensor ⁵	
	List of product model numbers registered in this declaration of conformity: ⁷	
	TIS-09DL	
Intended use: ⁶	Automotive product with original parts mounted/used in the original position in the vehicle as defined by the vehicle manufacturer. ⁸	
1/16		
Continental Automotive Technologies GmbH Völknerstraße 5, 30165 Hannover P.O. Box 1 49 30091 Hannover Tel. +49 (0)511 938-01 Fax +49 (0)511 938-51770 www.continental-automotive.com Company Headquarters: Hanover Commercial Register: Amtsgericht Hanover (HRB 3469) VAT number: DE341447066 Managing Director: Nicole Wiener, Harald Stuttmann, Albrecht Pfeutcher, Frank Staiger, Andreas Lisch Bank details: Deutsche Bank, Frankfurt BIC: BFSW33HAN Account no.: 090887500 Sort code: 30070910 IBAN: DE250071010009087500		

Customer Information

Declaration of Conformity



EU Declaration of Conformity in accordance with directive 2014/53/EU:¹

- 2/16 -

The product described above is in conformity with the relevant Union harmonization legislation, when used for its intended purpose.¹⁰

Health and safety pursuant to article 3(1)(a):¹¹

Applied standards:¹²
EN 62368-1:2014+A11:2017
IEC 62368-1:2014 (Second Edition)

Electromagnetic compatibility pursuant to article 3(1)(b):¹³

Applied standards:¹²
EN 301 489-1 V2.2.3
EN 301 489-3 V2.1.1
EN 55032: 2015+A11: 2020
EN 61000-3-2: 2014
EN 61000-3-3: 2013+A1:2019
EN 61000-4-2: 2009
EN 61000-4-3: 2008+A1:2008+A2:2010
EN 61000-4-4: 2012
EN 61000-4-5: 2014
EN 61000-4-6: 2014
EN 61000-4-11: 2004

Efficient use of spectrum pursuant to article 3(2):¹⁴

Applied standards:¹³
EN 300 220-1 V3.1.1
EN 300 220-2 V3.1.1
EN 62479:2010

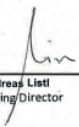
The declaration of compliance with the applied standards for health and safety pursuant to article 3(1)(a) is limited explicitly to the product mentioned above and does not include any accessories the manufacturer is not responsible for.¹⁶

The following marking applies to the above-mentioned product:¹⁸



The required European languages can be found on the following pages.¹⁷

Continental Automotive Technologies GmbH
Regensburg, 25.07.2022


Dr. Andreas Listl
Managing Director


Marcus Lichtenberg
Head of HEAT CE Hardware

Internal

Customer Information Declaration of Conformity

Australia:



ANZ Electrical Compliance Pty Ltd
8 Cootamundra Crescent, Blackburn, VIC 3130, AUSTRALIA



Tel: +61 (0)430 412 380

SUPPLIER'S DECLARATION OF CONFORMITY

As required under the following legislative instruments:

- Radiocommunications Labelling (Electromagnetic Compatibility) Notice 2017 made under subsection 182(1) of the Radiocommunications Act 1992, and
- Schedule 3 to the Radiocommunications Equipment (General) Rules 2021 (the General Equipment Rules) made under subsection 182(1) of the Radiocommunications Act 1992

AUTHORISED AGENT DETAILS

Authorised Agent Name: ANZ Electrical Compliance Pty Ltd

Address: 8 Cootamundra Crescent, Blackburn, VIC 3130, AUSTRALIA

ABN: 27 648 268 099

Responsible Supplier Number: E10433

Phone: +61 (0)430 412 380

Postal address: PO Box 1099, Blackburn North, VIC 3130, AUSTRALIA

PRODUCT DETAILS

Product Description: Tire Pressure Monitoring Sensor	
Trade Name/Manufacturer: Continental	
Model Number(s): TIS-09DL	
Frequency or Frequency range (MHz):	Radiated power e.i.r.p (dBm):
433.02	- 18.04

COMPLIANCE INFORMATION AND PRODUCT LABELLING

Required Marking*:  , Trade Name and Model Number
Compliance Folder Reference: P25914LR
Date of Compliance Folder: 15 January 2026

* - RCM shall be at least 3 mm in height; Trade name/Model number shall be at least 1 mm in height.

Customer Information

Declaration of Conformity



ANZ Electrical Compliance Pty Ltd
8 Cootamundra Crescent, Blackburn, VIC 3130, AUSTRALIA



Tel: +61 (0)430 412 380

COMPLIANCE – APPLICABLE STANDARDS AND OTHER SUPPORTING DOCUMENTS

Having had regard to these documents, I am satisfied the above mentioned product complies with the requirements of the relevant ACMA Standards made under the Radiocommunications Act 1992.

The table below lists the details of the documents the above statement was made.

Compliance Level	Standard(s)	Report number	Accreditation (if required)
2 (Medium Risk)	Radiocommunications (Electromagnetic Compatibility) Standard 2017 (EN 55032:2015 +A11)	T210408W04-RE	TAF
1	AS/NZS 4288:2017 +A1 ^a	T210408W04-RT	TAF
1	EME Standard (arpana RPS S-1) ^b	T210408W04-MC	TAF

^a: As specified in Schedule 5 of Radiocommunications Equipment (General) Rules 2021 (the General Equipment Rules), Radiocommunications Equipment (General) Amendment Rules 2021 (No. 1), Radiocommunications Equipment (General) Amendment Rules 2023 (No. 1), Radiocommunications Equipment (General) Amendment Rules 2024 (No. 1);
^b: As specified in Schedule 4 of Radiocommunications Equipment (General) Rules 2021 (the General Equipment Rules), Radiocommunications Equipment (General) Amendment Rules 2021 (No. 1), Radiocommunications Equipment (General) Amendment Rules 2023 (No. 1), Radiocommunications Equipment (General) Amendment Rules 2024 (No. 1).

DECLARATION

I hereby declare that:

1. I am authorised to make this declaration on behalf of the Company mentioned above,
2. the contents of this form are true and correct,
3. the product mentioned above complies with the applicable above mentioned standards and all products supplied under this declaration will be identical to the product identified above, and
4. I understand under section 137.1 of the Criminal Code Act 1995, it is an offence to knowingly provide false or misleading information to a Commonwealth entity.

Joshua HUANG
On 15 January 2026
Compliance Specialist
ANZ Electrical Compliance

Customer Information Declaration of Conformity

New Zealand:



ANZ Electrical Compliance
139 Vincent Street, Auckland CBD, Auckland 1010, NZ

RADIO SPECTRUM
MANAGEMENT

Tel: +61 (0)430 412 380

SUPPLIER'S DECLARATION OF CONFORMITY

Section 134 (1) (g) of the New Zealand Radiocommunications Act 1989.

AUTHORISED AGENT DETAILS

Authorised Agent Name: ANZ Electrical Compliance Limited

Address: 139 Vincent Street, Auckland CBD, AUCKLAND 1010, NEW ZEALAND

NZBN: 9429047590168

Responsible Supplier Number: E10433

PRODUCT DETAILS

Product Description: Tire Pressure Monitoring Sensor	
Trade Name/Manufacturer: Continental	
Model Number(s): TIS-09DL	
Frequency or Frequency range (MHz):	Radiated power e.i.r.p (dBm):
433.92	-18.04

COMPLIANCE INFORMATION AND PRODUCT LABELLING

Required Marking*:  , R-NZ, Trade Name and Model Number
Compliance Folder Reference: P25914LR
Date of Compliance Folder: 15 January 2026

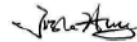
* - RCM shall be at least 3 mm in height; Trade name/Model number shall be at least 1 mm in height.

COMPLIANCE – APPLICABLE STANDARDS AND OTHER SUPPORTING DOCUMENTS

Compliance Level	Standard(s)	Report number	Accreditation (if required)
2	EN 55032:2015 +A11	T210406W04-RE	TAF
A1	AS/NZS 4268:2017 +A1	T210406W04-RT	TAF

DECLARATION

I hereby declare that the product to which this declaration of conformity relates complies with the mentioned standard(s), and all products supplied under this Declaration will be identical to the sample identified in this Declaration.



Joshua HUANG
On 15 January 2026
Compliance Specialist
ANZ Electrical Compliance

Customer Information Declaration of Conformity

Thailand:



สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
Office of The National Broadcasting and Telecommunications Commission

แบบตอบรับ "แบบรับรองตนเองของผู้ประกอบการ (Supplier's Declaration of Conformity : SDoC)"
เลขที่ (SDoC No.) : SD07806-25 ลงวันที่ 9 ธันวาคม 2568

สำนักงาน กสทช. ได้รับแบบรับรองตนเองของผู้ประกอบการ (SDoC)

ของ ห้างหุ้นส่วนจำกัด โนยะ บายานา พีวี

ซึ่งได้ ทำการยื่นขอรับรองตนเองเครื่องโทรคมนาคมและอุปกรณ์ ดังนี้

รายการพิธีขอรับรองตนเอง	
ประเภท	Tire pressure monitoring sensor
ตราฉลาก	Continental
แบบรุ่น	TIS-09DL

ลงนาม

นายกร ภาณุภาค

(นายกร ภาณุภาค)

ผู้อำนวยการส่วนมาตรฐานโทรคมนาคม

รักษาการแทน ผู้อำนวยการสำนักเทคโนโลยีและมาตรฐานโทรคมนาคม

เงื่อนไขการยอมรับแบบรับรองตนเองของผู้ประกอบการ

1. แบบรับรองฉบับนี้แสดงว่าผู้ประกอบการได้ทำการรับรองตนเองว่าเครื่องโทรคมนาคมและอุปกรณ์ ทรัพย์สินและแบบ/รุ่นดังกล่าวมีความสอดคล้องกับการอนุญาตของ กสทช.
2. ผู้ประกอบการต้องไม่คิดแปดงเครื่องโทรคมนาคมและอุปกรณ์ให้ติดเมกในจากที่ระบุไว้ในเอกสารแสดงลักษณะทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ ที่ยื่นขอรับรองตนเองไว้กับสำนักงาน กสทช.
3. ผู้ประกอบการจะต้องปฏิบัติตามประกาศ กสทช. เรื่อง การตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์โดยเคร่งครัด



ec1277a

Signed by สำนักงานคณะกรรมการกระจายเสียงและกิจการโทรทัศน์
Office of The National Broadcasting and Telecommunications Commission
Date 2023-12-09T11:17:13.561+07:00



Customer Information

Declaration of Conformity

Singapore:

7STARS CONSULTANCY PTE. LIMITED
14 ROBINSON ROAD
#08-01A FAR EAST FINANCE BUILDING
SINGAPORE 048545

Attn: MR LIM YONG TUCK

Dear Sirs,

EQUIPMENT REGISTRATION UNDER TELECOMMUNICATIONS (DEALERS) REGULATIONS
Registration Number: ESER/25/7073

We acknowledge that the equipment listed below has been registered with the Information Communications Media Development Authority under regulation 20(6) of the Telecommunications (Dealers) Regulations (Cap 323, Rg 6) (the "Dealers Regulations") and approved for sale in Singapore. Your attention is drawn to the relevant provisions and requirements of the Dealers Regulations described below.

Declared Equipment Information

Brand/Trade Name:	Continental
Model Name/No.:	TIS-09DL
Equipment Description:	Tire pressure monitoring sensor
IMDA Spec. No.:	IMDA TS SRD
Equipment Category:	Low Power Radio Equipment
Equipment Type:	Non-specific SRD
Frequency Band	
(Maximum Radiated Power /Field Strength):	433.05 - 434.79 MHz (≤ 10 mW (e.r.p.))
Date of Registration:	24 Nov 2025
Date of Expiry:	31 Oct 2030

Note: This is a system generated email. Please do not reply to it. For queries, please email equipment_reg_dealers@mda.gov.sg.



www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438

@IMDAsg | #IMDigitalArchitect

Customer Information

Declaration of Conformity

Information on Equipment Registration for Complex/Multi-Line Equipment or Short Range/ Low Power Devices

1. IMDA may require the equipment supplier to submit test results or evidence of equipment certification as proof of conformity with the applicable IMDA Technical Specification(s) [Regulation 20(5) of the Dealers Regulations]
2. Equipment registration under regulation 20(6) shall be valid for a period of 5 years. [Regulation 20(6) of the Dealers Regulations]
3. The registration may be renewed for periods not exceeding 5 years upon an application being made to IMDA. [Regulation 20(7) and 20(7A) of the Dealers Regulations]
4. Any modification to the registered equipment may require a re-submission. [Regulation 20(8) of the Dealers Regulations]
5. No false or misleading information shall be furnished to IMDA for the purpose of obtaining any equipment registration or renewal of registration. [Regulation 21(1) of the Dealers Regulations]
6. Any registration or renewal of registration granted as a result of submission of false or misleading information shall be null and void. [Regulation 21(2) of the Dealers Regulations]
7. Any person who contravenes regulation 21(1) and submits false or misleading information shall be guilty of an offence. [Regulation 24 of the Dealers Regulations]



www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438

@IMDAsg | #IMDigitalArchitect

Customer Information

Declaration of Conformity

Indonesia:



PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT TELEKOMUNIKASI DAN/ATAU PERANGKAT
TELEKOMUNIKASI
PB UMKU: 812010993285900000106

Berdasarkan Undang-Undang Nomor 6 Tahun 2023 tentang Penetapan Peraturan Pemerintah Pengganti Undang-Undang Nomor 2 Tahun 2022 tentang Cipta Kerja Menjadi Undang-Undang, Pemerintah Republik Indonesia menerbitkan Perizinan Berusaha Untuk Menunjang Kegiatan Usaha (PBUMKU) yang merupakan Sertifikat Alat Telekomunikasi dan/atau Perangkat Telekomunikasi kepada pelaku Usaha berikut ini:

Nama Pelaku Usaha	: PT EUROKARS MOTOR INDONESIA
Nomor Induk Berusaha (NIB)	: 8120109932859
Alamat Kantor	: Jalan Teuku Nyak Arief nomor 9D, Desa/Kelurahan Grogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta
	Kode Pos: 12220
Status Penanaman Modal	: Penanaman Modal Asing (PMA)
Nomor Telepon	: 02127932838
Kode Klasifikasi Baku Lapangan Usaha Indonesia (KBLU)	: 45101 - Perdagangan Besar Mobil Baru
Lokasi Usaha	: Jalan Teuku Nyak Arief No. 9D Desa/Kelurahan Grogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta
	Kode Pos: 12220

Telah Memenuhi Persyaratan:

Lampiran Perizinan Berusaha Untuk Menunjang Kegiatan Usaha ini memuat data teknis yang merupakan bagian tidak terpisahkan dari dokumen ini. Pelaku Usaha tersebut di atas wajib menjalankan kegiatan usahanya sesuai dengan ketentuan peraturan perundang-undangan.

Diterbitkan di Jakarta, tanggal: 14 Januari 2026

a.n. Menteri Komunikasi dan Digital
Menteri Investasi dan Hilirisasi/
Kepala Badan Koordinasi Penanaman Modal,



Ditandatangani secara elektronik

1. Dokumen ini diterbitkan sistem OSS berdasarkan data dari Pelaku Usaha, tersimpan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.
2. Dalam hal terjadi perubahan isi dokumen ini akan dilakukan perbaikan sebagaimana mestinya.
3. Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSN/ESSEN.
4. Data lampiran Perizinan Berusaha dapat diperoleh melalui sistem OSS menggunakan hak akses.



Customer Information Declaration of Conformity



PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT TELEKOMUNIKASI DAN/ATAU PERANGKAT TELEKOMUNIKASI
LAMPIRAN PB-JMKU : 81201099328590000106

Lampiran di bawah ini memuat data teknis Alat Telekomunikasi dan/atau Perangkat Telekomunikasi :

		SERTIFIKAT / CERTIFICATE NOMOR / NUMBER : 117596/DJID/2026	
Nama Perangkat : Tire pressure monitoring sensor Name of Equipment		Diajukan Oleh : PT EUROKARS MOTOR INDONESIA Applied by	
Merek : Continental Trade Name		Alamat : Jalan Teuku Nyak Arif nomor 90, Desa/Kelurahan Grogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta, Kode Pos: 12220 Address	
Tipe : TIS-09DL Type		PLG ID : 8032 Client's ID	
Buatan : China Country of Origin		Tanggal Terbit : 14 Januari 2026 Date of issue	
Referensi : KEPMEN KOMINFO NOMOR 269 TAHUN 2024 Reference			
Frekuensi Kerja : Low Power : 433.36 MHz - 434.79 MHz Operating Frequency : Low Power : ~ 10 mWatt Frequency Power			
 Direktorat Layanan Infrastruktur Digital Ministry Directorate LI 13 Jl. Medan Merdeka Selatan No. 16, Jakarta Pusat 10115 https://kukd.prd.go.id/			

1. Dokumen ini diterbitkan dalam OSS berdasarkan data dan Perilaku Usaha, terdapat dalam sistem OSS, yang menjadi tanggung jawab Perilaku Usaha.
2. Dokumen ini terdapat dalam OSS dan/atau di luar dokumen pendaftaran pendaftaran industri.
3. Dokumen ini tidak dapat dipergunakan untuk keperluan lain yang tidak sesuai dengan ketentuan yang berlaku.
4. Data yang terdapat dalam dokumen ini dapat dipergunakan untuk keperluan lain.



Customer Information Declaration of Conformity

Malaysia:



CERTIFICATE OF CONFORMITY

Type Approval Code: RAQP/71B/1225/S(25-6626)
Application Number: SQAS/TA/25/6626

This certificate is granted to
BERMAZ MOTOR TRADING SDN. BHD.
NO 7, JALAN PELUKIS U1/46 TEMASYA INDUSTRIAL PARK SEKSYEN U1 40150 S.ALAM, SELANGOR

It is hereby certified that
MODEL: TIS-09DL
MARKETING NAME: TIS-09DL
BRAND: Continental

For device category
TIRE PRESSURE MONITORING SYSTEM (HYBRID AUTOMOTIVE)

Product Features:
Frequency [433 MHz - 435 MHz]

Approval Date: 02 December 2025 Expiry Date: 01 December 2030

This device has been granted Type Approval for its communication and wireless features pursuant to the Communications and Multimedia Act 1998 and the Technical Standards Regulations 2000. Compliance with all other applicable Malaysian regulations is mandatory, where relevant.



Certificate Number: 225166



Ts. Md. Adha bin Katni @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.



**STANDARDS
MALAYSIA
ACCREDITED**
AQB 001

SIRIM QAS International Sdn. Bhd. (Company No. 410334-X) 1, Persiaran Datuk Menteri Section 2, P.O. Box 7035, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Telephone: 603 5544 5400 Fax: 603 5544 6810

Page 1 of 2 #TAC/FOR004-1 Issue No. 2 Rev. 0

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Customer Information Declaration of Conformity



CERTIFICATE OF CONFORMITY
Type Approval Code: RAQP/71B/1225/S(25-6626)
Application Number: SQAS/TA/25/6626

MODEL: TIS-09DL
MARKETING NAME: TIS-09DL
BRAND: Continental

Complies to
TECHNICAL CODE
MCMC MTSFB TC T007:2020

Approval Date: 02 December 2025
Expiry Date: 01 December 2030

This device has been granted Type Approval for its communication and wireless features pursuant to the Communications and Multimedia Act 1998 and the Technical Standards Regulations 2000. Compliance with all other applicable Malaysian regulations is mandatory, where relevant.



Certificate
Number:
225166


Ts. Md. Adha bin Katni @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.



**STANDARDS
MALAYSIA**
ACCREDITED
ACB 001

SIRIM QAS International Sdn. Bhd. (Company No. 410334-X) 1, Peralenan Datar Menter Section 2, P.O. Box 7035, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Telephone: 603 5544 5400 Fax: 603 5544 6910

Page 2 of 2

WTAC/FORM-1 Issue No. 2 Rev. 0

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Customer Information Declaration of Conformity

▼ Remote Control Key

Europe:



Certificate of Compliance

No. DDT-CE24102309-2E01

We hereby certify that the following product has been tested by Guangdong Dongdian Testing Service Co., Ltd. with the listing standards and found in conformity with the Directive of 2014/53/EU. It is possible to use CE marking to demonstrate the conformity with this RE Directive.

Applicant : Wuhu Atech Automotive Co., Ltd.
Address : 48th Yinhu North Road, Wuhu Area, China (Anhui) Pilot Free Trade Zone Wuhu, Anhui Province, China
Equipment under Test : J90A_EU_KEY
Model Number : GHWL-875RY
Manufacturer : Wuhu Atech Automotive Co., Ltd.
Address : 48th Yinhu North Road, Wuhu Area, China (Anhui) Pilot Free Trade Zone Wuhu, Anhui Province, China
Test Standards : EN 55032:2015+A11:2020, EN 55035:2017+A11:2020, ETSI EN 301 489-1 V2.2.3 (2016-11), ETSI EN 301 489-3 V2.3.2 (2023-01), EN 300 220-1 V3.1.1 (2017-02), EN 300 220-2 V3.2.1 (2016-09), EN 300 330 V2.1.1 (2017-02), EN 62479:2010, EN 50963:2017, EN IEC 62368-1:2020+A11:2020
Test Report No. : DDT-RE24102309-1E01, DDT-RE24102309-1E02, DDT-RE24102309-2E01, DDT-RE24102309-2E02, DDT-RE24102309-2E03, DDT-RE24102309-1S01



Authorized Signer

Damon Hu/EMC Manager
Date of Issue: Jan. 08, 2025

The statement is based on a single evaluation of one sample of above mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo

Guangdong Dongdian Testing Service Co., Ltd.
Unit 2, Building 1, No.17, Zongbu 2nd Road, Songsshan Lake Park, Dongguan, Guangdong, China.
523808 Tel: +86-0769-38826678 <http://www.gdtdi.com>

Customer Information

Declaration of Conformity

Australia and New Zealand:

RADIO SPECTRUM
MANAGEMENT



Supplier's Declaration of Conformity

Section 134 (1) (g) of the New Zealand Radiocommunications Act 1989

Note | This completed form remains with the supplier as part of the documentation required for the "Compliance folder"

1. Supplier details

Name (of manufacturer, importer or authorised agent): SCY International Trading Limited	New Zealand physical address: 33 Hardie Street Palmerston North 4410
New Zealand contact information: Telephone:	New Zealand postal address (if different):
(New Zealand) Company number or GST number: 5589606	Supplier number (include "E" or "Z"): E3403

2. Product details

Brand name:	MAZDA	
Model, lot, batch or serial number:	GHWL-675RY	
Description and function:	J90A_EU_KEY	
If radio product:	Frequency or frequency range (MHz): 433.42MHz, 433.92MHz, 434.42 MHz	Rated power e.i.r.p (dBW): -16.98, -17.00, -16.99dBm
Applicable standard title, number & edition:	ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-3 V2.3.2 (2023-01) EN 300 220-1 V3.1.1 (2017-02), EN 300 220-2 V3.2.1 (2018-06) EN 62479:2010, EN 50663:2017	
Test report number or other identifier:	DOT-RE24102309-1E02 DOT-RE24102309-2E01 DOT-RE24102309-2E03	

3. Declaration

I hereby declare that the product to which this declaration of conformity relates complies with the mentioned standard(s), and all products supplied under this Declaration will be identical to the sample identified in this Declaration.

Signature of supplier/agent:	Print name: Ke CHEN
Date: 13-06-2025	Position in organisation: Director

Customer Information Declaration of Conformity

Thailand:



สำนักงานคณะกรรมการการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
Office of The National Broadcasting and Telecommunications Commission

แบบตอบรับ "แบบรับรองตนเองของผู้ประกอบการ (Supplier's Declaration of Conformity : SDoC)"
เลขที่ (SDoC No.) : SD02914-25 ลงวันที่ 16 มิถุนายน 2568

สำนักงาน กสทช. ได้รับแบบรับรองตนเองผู้ประกอบการ (SDoC)

ของ บริษัท สวีเมท คอนเน็คชั่น จำกัด

ซึ่งได้ ทำการยื่นขอรับรองตนเองเครื่องโทรคมนาคมและอุปกรณ์ ดังนี้

รายการที่ขอรับรองตนเอง	
ประเภท	J90A_EU_KEY
ตราอักษร	MAZDA
แบบรุ่น	GHVL-675RY

ลงนาม



(นายอัมพร ศิเลิศเจริญ)
ผู้อำนวยการสำนักเทคโนโลยีและมาตรฐานโทรคมนาคม

เงื่อนไขการยอมรับแบบรับรองตนเองของผู้ประกอบการ

1. แบบรับรองฉบับนี้แสดงว่าผู้ประกอบการได้ทำการรับรองตนเองว่าเครื่องโทรคมนาคมและอุปกรณ์ คราวนี้ใช้ระบบ/รุ่นที่กล่าวมาด้วยความสอดคล้องกับการอนุญาตของ กสทช.
2. ผู้ประกอบการต้องไม่ดัดแปลงเครื่องโทรคมนาคมและอุปกรณ์ให้มีความใกล้เคียงกับที่ระบุไว้ในเอกสารแสดงลักษณะทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ ที่ได้ยื่นขอรับรองตนเองไว้กับสำนักงาน กสทช.
3. ผู้ประกอบการจะต้องปฏิบัติตามประกาศ กสทช. เรื่อง การตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์โดยเคร่งครัด



DocSdsc

Customer Information
Declaration of Conformity

สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

แบบรับรองตนเองของผู้ประกอบการ
(Supplier's Declaration of Conformity)

๑. รายละเอียดของผู้ประกอบการ

สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

รศค.5002914-25
วันที่ 16 มิถุนายน 2568

๓.๓ ชื่อหน่วยงาน
บริษัท คิวแมน คอนเนคติ้ง จำกัด

๓.๒ ที่อยู่
34/35 ซอยนาครีวาส 48 แขวง 14-14 ถนนนาครีวาส แขวงตลาดพริ้ว เขตตลาดพริ้ว กรุงเทพมหานคร 10230

๒. รายละเอียดของเครื่องโทรคมนาคมและอุปกรณ์

๒.๓ ประเภท/ชนิดของเครื่องโทรคมนาคมและอุปกรณ์
J90A_EU_KEY

๒.๒ ตราชื่อ/ยี่ห้อ (brand name)
MAZDA

๒.๓ แบบ/รุ่น (model)
GHWL-675RY

๒.๔ มาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคที่แสดงความสอดคล้อง
- ประกาศ กสทช. เรื่อง กำหนดค่าการวัดคลื่นความถี่ของวิทยุคมนาคมที่อนุญาตให้มีการใช้งานแบบพลัสและพีเอ็มในย่าน ๘๖๓-๘๖๖ เมกะเฮิรตซ์ (ใช้สำหรับใบอนุญาตใช้ 15.5 สำหรับค่า ค่าออกค่า คิง)

ข้าพเจ้าขอรับรองว่า เครื่องโทรคมนาคมและอุปกรณ์ข้างต้น มีความสอดคล้องตามที่ระบุไว้ในมาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคของสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

๓. เอกสารหลักฐานประกอบการรับรองตนเอง

๑) Data sheet

2) Declaration Letter - brand name

3) DDT-RE24102309-2E03

4) DDT-RE24102309-2E01

5) DDT-RE31102309-2E02

ลงชื่อ

พินิตา พินัยมณี
(นางพินิตา พินัยมณี)

ตำแหน่ง

ผู้มีอำนาจลงนาม

วันที่

13 มิถุนายน พ.ศ.2568

ผู้ประกอบการจะต้องจัดส่งแบบรับรองตนเองที่กรอกรายละเอียดครบถ้วนสมบูรณ์ ให้สำนักงานฯ และเก็บรักษาสำเนาแบบรับรองตนเองพร้อมเอกสารหลักฐานประกอบการรับรองตนเอง เพื่อใช้ประกอบการตรวจติดตามขอสำเนาฯฯ ตามมาตรการกำกับดูแลเครื่องโทรคมนาคมและอุปกรณ์ภายใต้การตรวจสอบและรับรองมาตรฐาน และตามกฎหมายอื่น ๆ (ถ้ามี)


0cc3c8ee

8-123

Customer Information

Declaration of Conformity

Singapore:

PROXUS COMMUNICATIONS PTE. LTD.
124 BISHAN STREET 12
#08-121 NIL
SINGAPORE 570124

Attn: CLEMENCE SIM

Dear Sirs,

EQUIPMENT REGISTRATION UNDER TELECOMMUNICATIONS (DEALERS) REGULATIONS

Registration Number: ESER/25/3624

We acknowledge that the equipment listed below has been registered with the Info-communications Media Development Authority under regulation 20(6) of the Telecommunications (Dealers) Regulations (Cap 323, Rg 6) (the "Dealers Regulations") and approved for sale in Singapore. Your attention is drawn to the relevant provisions and requirements of the Dealers Regulations described below.

Declared Equipment Information

Brand/Trade Name:	MAZDA
Model Name/No.:	GHWL-675RY
Equipment Description:	J90A_EU_KEY
IMDA Spec. No.:	IMDA TS SRD
Equipment Category:	Low Power Radio Equipment
Equipment Type:	Non-specific SRD
Frequency Band (Maximum Radiated Power /Field Strength):	16 - 150 kHz (<= 66 dBuA/m @ 10m) 433.05 - 434.79 MHz (<= 10 mW (e.r.p.))
Date of Registration:	10 Jun 2025
Date of Expiry:	31 May 2030

Note: This is a system generated email. Please do not reply to it. For queries, please email equipment_reg_dealers@imda.gov.sg.



INFOCOMM
MEDIA
DEVELOPMENT
AUTHORITY

www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438

@IMDAsg | #IMDigitalArchitect

Customer Information Declaration of Conformity

Information on Equipment Registration for Complex/Multi-Line Equipment or Short Range/ Low Power Devices

1. IMDA may require the equipment supplier to submit test results or evidence of equipment certification as proof of conformity with the applicable IMDA Technical Specification(s) [Regulation 20(5) of the Dealers Regulations]
2. Equipment registration under regulation 20(6) shall be valid for a period of 5 years. [Regulation 20(6) of the Dealers Regulations]
3. The registration may be renewed for periods not exceeding 5 years upon an application being made to IMDA. [Regulation 20(7) and 20(7A) of the Dealers Regulations]
4. Any modification to the registered equipment may require a re-submission. [Regulation 20(8) of the Dealers Regulations]
5. No false or misleading information shall be furnished to IMDA for the purpose of obtaining any equipment registration or renewal of registration. [Regulation 21(1) of the Dealers Regulations]
6. Any registration or renewal of registration granted as a result of submission of false or misleading information shall be null and void. [Regulation 21(2) of the Dealers Regulations]
7. Any person who contravenes regulation 21(1) and submits false or misleading information shall be guilty of an offence. [Regulation 24 of the Dealers Regulations]



www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438

@IMDAsg | #IMDigitalArchitect

Customer Information

Declaration of Conformity

Indonesia:



PEMERINTAH REPUBLIK INDONESIA

PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA SERTIFIKAT ALAT DAN/ATAU PERANGKAT TELEKOMUNIKASI PB-UMKU: 81201099328590000082

Pemerintah Republik Indonesia menerbitkan Perizinan Berusaha Untuk Menunjang Kegiatan Usaha (PB-UMKU), yang merupakan Sertifikat Alat dan/atau Perangkat Telekomunikasi kepada Pelaku Usaha berikut ini:

- | | |
|---|---|
| 1. Nama Pelaku Usaha | : PT EUROKARS MOTOR INDONESIA |
| 2. Nomor Induk Berusaha (NIB) | : 8120109932859 |
| 3. Alamat Kantor | : Jalan Teuku Nyak Arief nomor 9D, Desa/Kelurahan Grogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta
Kode Pos: 12220 |
| 4. Status Penanaman Modal | : Penanaman Modal Asing (PMA) |
| 5. Kode Klasifikasi Baku Lapangan Usaha | : 45101 - Perdagangan Besar Mobil Baru Indonesia (KBLI) |
| 6. Lokasi Usaha | : Jalan Teuku Nyak Arief No. 9D Desa/Kelurahan Grogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta
Kode Pos: 12220 |

Telah Memenuhi Persyaratan:

- Persyaratan umum:
 - Laporan Hasil Uji (LHU) atau test report yang diterbitkan oleh balai uji dalam negeri yang telah ditetapkan atau balai uji luar negeri yang diakui oleh menteri yang menyelenggarakan urusan pemerintahan di bidang komunikasi dan informatika;
 - dokumen spesifikasi teknis alat dan/atau perangkat telekomunikasi;
 - doklarasi kesesuaian (Declaration of Conformity) terhadap standar teknis alat dan/atau perangkat telekomunikasi yang ditandatangani oleh pemohon;
 - foto berwarna alat dan/atau perangkat telekomunikasi yang menampilkan data merek dan model tipe Alat dan/atau perangkat telekomunikasi;
 - menyatakan bahwa data dan dokumen yang disampaikan adalah benar dan valid; dan
 - melunasi biaya sertifikat alat dan/atau perangkat telekomunikasi.
- Persyaratan khusus:
 - khusus untuk alat dan/atau perangkat telekomunikasi berupa penguat sinyal (repeater/booster) sistem komunikasi bergerak seluler, melampirkan surat perjanjian kerja sama dengan penyelenggara jaringan bergerak seluler Indonesia;
 - khusus untuk alat dan/atau perangkat telekomunikasi berupa telepon/ modem satelit, melampirkan surat perjanjian kerja sama dengan penyelenggara telekomunikasi Indonesia yang menyediakan layanan telepon/ modem satelit;
 - khusus untuk alat dan/atau perangkat telekomunikasi pesawat telepon seluler, komputer genggam, dan komputer tablet, melampirkan surat deklarasi jaminan keamanan International Mobile Equipment Identity (IMEI) dan daftar IMEI yang disetujui oleh Global System for Mobile Communications Association (GSMA) atau sekenlanya;
 - khusus untuk permohonan sertifikat alat dan/atau perangkat telekomunikasi yang diajukan oleh badan usaha Indonesia yang ditunjuk sebagai perwakilan atau distributor resmi oleh pemilik merek yang berkedudukan di luar wilayah Negara Kesatuan Republik Indonesia, melampirkan surat penunjukan sebagai perwakilan atau distributor resmi dari pemilik merek;
 - khusus untuk permohonan sertifikat alat dan/atau perangkat telekomunikasi yang diajukan oleh pemilik merek yang berbadan hukum Indonesia, melampirkan dokumen yang menunjukkan pemenuhan ketentuan peraturan perundang-undangan yang terkait kepemilikan merek dari menteri yang menyelenggarakan urusan pemerintahan di bidang hukum dari hak asasi mahasiswa, dan
 - khusus untuk alat dan/atau perangkat telekomunikasi yang diwajibkan memenuhi ketentuan terkait perindustrian, melampirkan dokumen yang menunjukkan pemenuhan ketentuan peraturan perundang-undangan yang terkait alat dan/atau perangkat telekomunikasi dari menteri yang menyelenggarakan urusan pemerintahan di bidang perindustrian.

- Dokumen ini diterbitkan sistem OSS berdasarkan data dari Pelaku Usaha, tersimpan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.
- Dalam hal terjadi kesalahan isi dokumen ini akan dilakukan perbaikan sebagaimana mestinya.
- Dokumen ini telah diandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSI-E-BSSN.
- Data lengkap Perizinan Berusaha dapat diperoleh melalui sistem OSS menggunakan hak akses.



Balai Sertifikat Elektronik

Customer Information Declaration of Conformity

Lampiran Pertizinan Berusaha Untuk Menunjang Kegiatan Usaha ini memuat data teknis yang merupakan bagian tidak terpisahkan dari dokumen ini. Pelaku Usaha tersebut di atas wajib menjalankan kegiatan usahanya sesuai dengan ketentuan perundang-undangan yang berlaku.

Diterbitkan tanggal: 02 Juli 2025

a.n. Menteri Komunikasi dan Digital
Menteri Investasi dan Hilirisasi/
Kepala Badan Koordinasi Penanaman Modal,



Ditandatangani secara elektronik

Dioetak tanggal: 02 Juli 2025

1. Dokumen ini diterbitkan sistem OSS berdasarkan data dari Pelaku Usaha, terdapat dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.
2. Dalam hal terjadi kesalahan isi dokumen ini akan dilakukan perbaikan sebagaimana mestinya.
3. Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSSiE-BSSN.
4. Data lengkap Pertizinan Berusaha dapat diperoleh melalui sistem OSS menggunakan hak akses.



Customer Information Declaration of Conformity



PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT TELEKOMUNIKASI DAN/ATAU PERANGKAT TELEKOMUNIKASI
LAMPIRAN PB-UMKU : 81201099328590000082

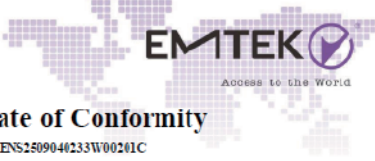
Lampiran di bawah ini memuat data teknis Alat Telekomunikasi dan/atau Perangkat Telekomunikasi :

 SERTIFIKAT / CERTIFICATE NOMOR / NUMBER : 111884/DJID/2025	
Nama Perangkat Name of Equipment	: J90A_EU_KEY
Merek Trade Mark	: MAZDA
Tipe Type	: GHWL-675RY
Buatan Country of Origin	: China
Dijukan Oleh Applied by	: PT EUROKARS MOTOR INDONESIA
Alamat Address	: Jalan Teuku Nyak Arief nomor 9D, Desa/Kelurahan Grogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta, Kode Pos: 12220
PLG ID Client's ID	: 8032
Tanggal Terbit Date of Issue	: 02 Juli 2025
Referensi Reference	: KEPMEN KOMINFO NOMOR 260 TAHUN 2024
Frekuensi Kerja Operating Frequencies	: BRD BRD
Frekuensi Days Pancer	: 433 MHz - 434.79 MHz : < 10 mWatt
 Direktoral Layanan Infrastruktur Digital Ministry of Communication and Informatics Jl. Medan Merdeka Selatan No. 16, Jakarta Pusat 10110 https://certifikat.prd.go.id/	
1. Dokumen ini diterbitkan dalam OSS berdasarkan data dari Pelaku Usaha, terdapat dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha. 2. Dokumen ini terdapat dalam sistem OSS dan dapat diakses publik secara online. 3. Dokumen ini telah diterbitkan secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSSN-SSSN. 4. Data lengkap Perizinan Berusaha dapat diperoleh melalui sistem OSS menggunakan link above. 	

Customer Information Declaration of Conformity

▼ Receiver

Europe:



Certificate of Conformity

NO.: ENS2509040233W00201C

The following products have been tested by us with the listed standards and found in conformity with the council Radio Equipment Directive 2014/53/EU. This is to certify that the specimen is in conformity with the assessment requirement mentioned follow. This certificate does not imply assessment to the production of the product.

Applicant	: STEELMATE Co., Ltd.	
Address	: Heping Street, Dongfai Road, Dongfeng Town, Zhongshan City, Guangdong, 528425, P.R.China	
Manufacturer	: STEELMATE Co., Ltd.	
Address	: Heping Street, Dongfai Road, Dongfeng Town, Zhongshan City, Guangdong, 528425, P.R.China	
Trade Mark	: N/A	
EUT	: RF receiver	
M/N	: 3791040-DF02,GHWE-675D4-A	
Essential Requirements	Standard	Report No.
Health(article 3.1.a)	EN 62479: 2010, EN 50663:2017	ENS2509040233W00203R
Safety (article 3.1.a)	EN IEC 62368-1: 2020+A11: 2020	ENS2509040233S00301R
EMC(article 3.1.b)	ETSI EN 301 489-1 V2.2.3: 2019	ENS2509040233W00201R
	ETSI EN 301 489-3 V2.3.2: 2023	
Radio (article 3.2)	ETSI EN 300 220-2 V3.2.1: 2018	ENS2509040233W00202R
Version	: Ver.1.0	



(Manager)

September 11, 2025



The certificate is based on a single evaluation of one sample of above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.

EMTEK (Shenzhen) Co., Ltd.
Add: Building B9, Meijiang Industry Zone, Nanshan District, Shenzhen, Guangdong, China <http://www.emtek.com.cn> E-mail: cs.rep@emtek.com.cn



Customer Information

Declaration of Conformity



Certificate of Conformity

NO.: ENS250904023300301C

The following product has been tested by us with the listed standards and found in conformity with the council EMC directive 2014/30/EU. This is to certify that the specimen is in conformity with the assessment requirement mentioned follow. This certificate does not imply assessment to the production of the product.

Applicant	: STEELMATE CO., LTD.
Address	: Heping Street, Dongfu Road, Dongfeng Town, Zhongshan City, Guangdong, 528425, P.R.China
Manufacturer	: STEELMATE CO., LTD.
Address	: Heping Street, Dongfu Road, Dongfeng Town, Zhongshan City, Guangdong, 528425, P.R.China
Trade Mark	: /
EUT	: RF Receiver
M/N	: 3791040-DF02, GHWE-675D4-A
Rating	: DC9V~16V
Test Standards	: EN50498:2010
Version	: Ver.1.0



(Manager)
September 18, 2025

The certificate is based on a single evaluation of one sample of above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.

EMTEK (Shenzhen) Co., Ltd.
Add: Building 68, Majiagang Industry Zone, Nanshan District, Shenzhen, Guangdong, China. <http://www.emtek.com.cn> E-mail: cs.rep@emtek.com.cn



Customer Information Declaration of Conformity

Australia:



**SCY International
Trading Limited**

33 Hardie Street Palmerston North 4410, New Zealand
Tel: +642102521612 Email: chenkenba@hotmail.com

THE RCM LETTER OF AUTHORISATION

(For the RCM Compliance under ACMA)

-Australian Communications and Media Authority

Equipment Registration Number: E2025019325

06 Oct 2025

Applicant: STEELMATE CO., LTD.
Address: Heping Street, Dongfu Road, Dongfeng Town,
Zhongshan City, Guangdong, 528425, P.R.China
Manufacturer: STEELMATE CO., LTD.
Address: Heping Street, Dongfu Road, Dongfeng Town,
Zhongshan City, Guangdong, 528425, P.R.China

Product	Model	Trademark /Brand	Compliance Marking Under ACMA
RF receiver	3791040-DF02, GHWE-675D4-A	N/A	

This letter authorises the above supplier, to label the product(s) listed above, with the RCM (Regulatory Compliance Mark) as shown above, subject to the following conditions:

1. This is to confirm that product(s) listed, comply with ACMA mandated standards and the labelling notice under ACMA arrangement. To mark RCM on this product, it is necessary that the supplier should also hold and maintain an Australian Electrical Safety Certificate and/or conduct EESS registration.
2. The units supplied are identical to those described in the compliance folder held by **SCY International Trading Limited**. The supplier(s) agree(s) to abide by the terms and conditions as detailed on the service agreement.
3. **SCY International Trading Limited** will hold this compliance folder for at least 5 years.
4. Any modification to the listed product(s) voids this authorisation.
5. This authorisation pertains only to the product(s) listed above.
6. The labelling and supply of the product with the RCM(Regulatory Compliance Mark) is agreed with the above conditions.

Ke CHEN
Director

Valid until: 06-10-2030

Customer Information Declaration of Conformity

New Zealand:

RADIO SPECTRUM MANAGEMENT



Supplier's Declaration of Conformity

Section 134 (1) (g) of the New Zealand Radiocommunications Act 1989

Note | This completed form remains with the supplier as part of the documentation required for the "Compliance folder"

1. Supplier details

Name (of manufacturer, importer or authorised agent): SCY International Trading Limited	New Zealand physical address: 33 Hardie Street Palmerston North 4410
New Zealand contact information: Telephone: Mobile +642102521012 Fax: Email: chenkenba@hotmail.com	New Zealand postal address (if different):
(New Zealand) Company number or GST number: 5589600	Supplier number (include "1" or "2"): E3403

2. Product details

Equipment Registration Number: E2025016325		
Brand name:	STEELMATE CO., LTD.	
Model, lot, batch or serial number:	3791040-DF02, GHWE-675D4-A	
Description and function:	RF receiver	
If radio product:	Frequency or frequency range (MHz): 433.42-434.42MHz	Radiated power e.i.r.p (dBW): -30.00 dBm max
Applicable standard title, number & edition:	EN IEC 62368-1: 2020+A11: 2020 EN 50498: 2010 ETSI EN 300 220-2 V3.2.1: 2018 AS/NZS 4268: 2017 Amd 1:2021 EN 62479: 2010&EN 50663:2017 AS/NZS 2772.2:2016 Amd 1: 2018 EN 62479: 2010&EN 50663:2017 ETSI EN 301 489-1 V2.2.3: 2019 ETSI EN 301 489-3 V2.3.2: 2023	
Test report number or other identifier:	ENS2509040233W00101R ENS2509040233W00202R ENS2509040233W00203R ENS2509040233S00301R ENS2509040233S00301R ENS2509040233W00401R ENS2509040233W00402R	

Customer Information Declaration of Conformity

3. Declaration

I hereby declare that the product to which this declaration of conformity relates complies with the mentioned standard(s),
and all products supplied under this Declaration will be identical to the sample identified in this Declaration.

Signature of supplier/agent: 

Print name: Ke CHEN

Date: 05-03-2025

Position in organisation: Director

Valid until: 06-Oct-2030

Customer Information Declaration of Conformity

Thailand:



สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
Office of The National Broadcasting and Telecommunications Commission

แบบตอบรับ "แบบรับรองตนเองของผู้ประกอบการ (Supplier's Declaration of Conformity : SDoC)"
เลขที่ (SDoC No.) : SD01192-26 ลงวันที่ 17 กุมภาพันธ์ 2569

สำนักงาน กสทช. ได้รับแบบรับรองตนเองของผู้ประกอบการ (SDoC)

ของ บริษัท มาสด้า เซลส์ (ประเทศไทย) จำกัด

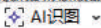
ซึ่งได้ ทำการยื่นขอรับรองตนเองเครื่องโทรคมนาคมและอุปกรณ์ ดังนี้

รายการที่ขอรับรองตนเอง	
ประเภท	Keyless Entry System
พรายี่ห้อ	MAZDA
แบบ/รุ่น	GHVL679RY

ลงนาม

(นายอัมพร พิเศษเจริญ)
ผู้อำนวยการสำนักเทคโนโลยีและมาตรฐานโทรคมนาคม

เงื่อนไขการยอมรับแบบรับรองตนเองของผู้ประกอบการ

- แบบรับตอบรับนี้แสดงว่าผู้ประกอบการได้ทำการรับรองตนเองว่าเครื่องโทรคมนาคมและอุปกรณ์ ที่วางยี่ห้อและแบบ/รุ่นดังกล่าวมีความสอดคล้องกับการอนุญาตของ กสทช. 
- ผู้ประกอบการต้องไม่ดัดแปลงหรือ ทรานซิมไมเซอร์ อุปกรณ์ที่ใช้ติดแนกไปจากที่ระบุไว้ในเอกสารแสดงลักษณะทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ ที่ได้อำนาจรับรองตนเองไว้กับสำนักงาน กสทช.
- ผู้ประกอบการจะต้องปฏิบัติตามประกาศ กสทช. เรื่อง การตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์โดยเคร่งครัด



Signed by สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
Office of The National Broadcasting and Telecommunications Commission
Date: 104640-1711458612158-0720

Customer Information
Declaration of Conformity

สำนักงานคณะกรรมการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

แบบรับรองตนเองผู้ประกอบการ
(Supplier's Declaration of Conformity)

๑. รายละเอียดของผู้ประกอบการ

สำนักงานนโยบายและแผนการสื่อสารโทรคมนาคม
sncr SD01192-26
วันที่ 17 กุมภาพันธ์ 2569

๑.๑ ชื่อหน่วยงาน
บริษัท มาสด้า เซลส์ (ประเทศไทย) จำกัด

๑.๒ ที่อยู่
1319 ถนนพหลโยธิน, ชั้น 19, ถนนสุขุมวิท แขวงพระโขนงเหนือ เขตวัฒนา กรุงเทพมหานคร 10110

๒. รายละเอียดของเครื่องโทรคมนาคมและอุปกรณ์

๒.๑ ประเภท/ชนิดของเครื่องโทรคมนาคมและอุปกรณ์
Keyless Entry System

๒.๒ ตราสัญลักษณ์ (brand name)
MAZDA

๒.๓ แบบ/รุ่น (model)
GHWL675RY

๒.๔ มาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคที่แสดงคุณสมบัติ
- ประกาศ กสท. ๕๕๓ พ.ศ.๒๕๖๒ เรื่อง วิทยุคมนาคมที่ใช้คลื่นความถี่สูงและวิทยุคมนาคมที่ใช้ความถี่ต่ำในการให้บริการที่ไม่
(ใช้กับคลื่นวิทยุเฉพาะ)

ข้าพเจ้าขอรับรองว่า เครื่องโทรคมนาคมและอุปกรณ์ข้างต้น มีความสอดคล้องตามที่ระบุไว้ในมาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคของสำนักงานคณะกรรมการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

๓. เอกสารหลักฐานประกอบการรับรองตนเอง

1) Technical datasheet

2) Owner manual

3) Parts photo

4) Certificate of Compliance

5) EN 300-330 radio test report

6) EN 300-330 radio test report

ลงชื่อ

สุทธวงค์ วัฒนามบรรจงชัย
(นายสุทธวงค์ วัฒนามบรรจงชัย)

ตำแหน่ง

ผู้มีอำนาจลงนาม

วันที่

12 กุมภาพันธ์ พ.ศ.2569

ผู้ประกอบการจะต้องจัดส่งแบบรับรองตนเองที่กรอกรายละเอียดครบถ้วนสมบูรณ์ ให้สำนักงาน ฯ และบริษัทฯ/เจ้าของแบบ
รับรองตนเองพร้อมเอกสารหลักฐานประกอบการรับรองตนเอง เพื่อให้ประกอบการตรวจติดตามของสำนักงาน ฯ ตามมาตรการ
กำกับดูแลเครื่องโทรคมนาคมและอุปกรณ์ภายหลังการตรวจสอบและรับรองมาตรฐาน และตามกฎหมายอื่น ๆ (ถ้ามี)


al6ebdd1

8-135

Customer Information

Electromagnetic Compatibility

Electromagnetic Compatibility

▼ Electromagnetic Compatibility

Your Mazda has been tested and certified to the UN-R*¹ 10 regulation as related to electromagnetic compatibility.

*1 UN-R stands for United Nations Regulation.

It is your responsibility to ensure that any equipment you have fitted complies with applicable local legislations. Have any equipment fitted by authorised Mazda repairers.

CAUTION

- Do not mount any transceiver, microphones, speakers, or any other item in the deployment path of the airbag system.
- Do not fasten aerial lead to original vehicle wiring or brake pipes.
- Keep the aerial and power leads at least 100 mm (3.9 in) from any electronic modules and the airbags.
- Avoid using the cigar lighter or accessory socket as a power source for the RF-transmitting equipment.

9

Specifications

Technical information about your Mazda.

Identification Numbers	9-2	Specification	9-4
Vehicle Information Labels	9-2	Specifications.....	9-4

Specifications

Identification Numbers

Vehicle Information Labels

▼ Vehicle Information Labels

Various vehicle information labels and inscriptions are located as shown in the figure below, therefore, do not affix labels or apply paint to these areas.

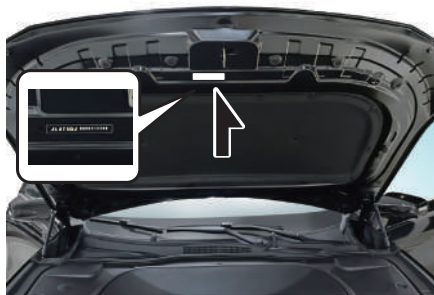
▼ Vehicle Identification Number

The vehicle identification number legally identifies your vehicle. The number is on a plate attached to the cowl panel located on the left corner of the dashboard. This plate can be directly seen from the windshield.



▼ Electric Drive Model

Electric drive model and number plates are located on the bonnet.



▼ Model Plate



▼ Chassis Number

Open the cover shown in the figure to check the chassis number.



Specifications Identification Numbers

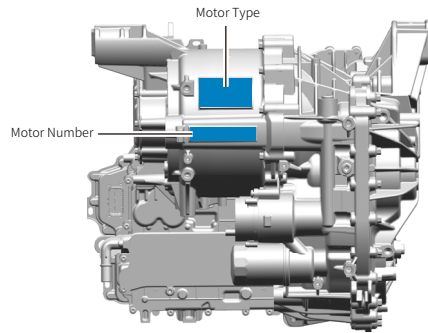
▼ Tyre Pressure Label (Left-Hand Drive Model)



(Right-Hand Drive Model)



▼ Motor Number



Specifications

Specification

Specifications

Vehicle Weight

Item		Parameter Value
Seating Capacity		5
Maximum Permissible Total Mass (kg)		2440 (5379 lb)
Maximum Permissible Total Mass Distribution	Front Axle Load (kg)	1050 (2315 lb)
	Rear Axle Load (kg)	1390 (3064 lb)
Curb Weight (kg)		2015 (4442 lb)
Curb Weight Distribution	Front Axle Load (kg)	938 (2068 lb)
	Rear Axle Load (kg)	1077 (2374 lb)

Vehicle Performance

Item		Parameter Value
Maximum Design Speed (km/h)		175
Trafficability	Minimum Turning Radius (m)	5.6 (18.4 ft)
	Approach Angle (°)	≥13
	Departure Angle (°)	≥20
	Minimum Ground Clearance (Fully Loaded) (mm)	≥120 (4.72 in)
Performance	Top Speed	175
Driving Range	WLTC Range (km)	560 (348 mile)
	NEDC Range (km)	654 (406 mile)
Economy	WLTC Energy Consumption (kW·h/100km)	16.1
	NEDC Energy Consumption (kW·h/100km)	14.0

Note: Actual driving range may vary due to different operating conditions compared to the above.

Specifications Specification

Drive Motor Assembly Parameters

Item	Parameter Value
Motor Type	Permanent Magnet Synchronous
Motor Maximum Power (kW)	190
Motor Rated Power (kW)	100
Motor Maximum Torque (N·m)	290 (30 kgf·m, 214 ft·lbf)
Motor Rated Torque (N·m)	120 (12 kgf·m, 89 ft·lbf)
Motor Maximum Speed (r/min)	22000
Charger Power (kW)	11
DCDC Power (kW)	2.8
DCAC Power (kW)	3.5

High-Voltage Battery Assembly Parameters

Item	Specification
Battery Type	Lithium Iron Phosphate Battery (LFP)
Total Battery Energy (kWh)	77.94
Battery Rated Voltage (V)	364
Battery Capacity (Ah)	214
Battery Pack Weight (kg)	≤ 550 (1212.54 lb)
Dimensions (L/W/H) (mm)	2053*1486*142 (80.83*58.5*5.59 in)
Number of Battery Cells	116
Cell Type	Prismatic lithium iron phosphate
Battery Cooling Method	Liquid Cooling

Vehicle Fluids

Item	Specification	Rated Capacity
Reducer Lubricant	BOT 805 CEV	1.1 ± 0.05L
Brake Fluid	Mazda Genuine Brake Fluid or equivalent	1L
Coolant	L433	Approximately 9.5 L (Right-Hand Drive Model) Approximately 10.5 L (Left-Hand Drive Model)
Fully Automatic Climate Control System Refrigerant	*1 HFC-1234yf (R-1234yf) *2 HFC-134a (R-134a)	900g
Fully Automatic Climate Control System Lubricant	PVE (FVC56EA)	240g

*1. Applicable to the following countries or regions: European Union (EU), United Kingdom (UK), Australia, New Zealand.

*2. Applicable to the following countries or regions: Indonesia, Malaysia, Thailand, Singapore, Hong Kong (China), Macau (China).

Specifications

Specification

Vehicle Dimensions

Item		Parameter Value
Overall Length (mm)		4921 (193.7 in)
Overall Width (mm)		1890 (74.4 in)
Overall Height (mm)		1485 (58.5 in)
Wheelbase (mm)		2895 (114 in)
Front Overhang (mm)		986 (38.8 in)
Rear Overhang (mm)		1040 (40.9 in)
Track Width (Unladen)	Front Track (mm)	1620 (63.8 in)
	Rear Track (mm)	1630 (64.2 in)

Wheel Tyre Pressure

NOTE

The tyres have been optimally matched with the chassis of your vehicle. When replacing tyres, Mazda recommends that you replace tyres of the same type originally fitted to your vehicle. For more details, please consult an expert repairer (we recommend an Authorised Mazda Repairer).

Please refer to the tyre pressure label to confirm the tyre size and standard inflation pressure.

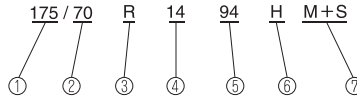
Type	Tyre Size	Tyre Pressure (kpa) (bar)	
		Front	Rear
Unladen	245/45R19 102Y	260 kpa (2.6 bar, 38 psi)	260 kpa (2.6 bar, 38 psi)
Fully Laden		270 kpa (2.7 bar, 39 psi)	310 kpa (3.1 bar, 45 psi)

Specifications Specification

Wheel nut tightening torque

When installing a tyre, tighten the wheel nut to the following torque: 110 ± 10 N·m (11.2 ± 1.0 kgf·m, 81.1 ± 7.8 ft·lbf).

Sample Tyre Mark and Its Meaning



1. Nominal Section Width
2. Nominal Aspect Ratio (%)
3. Construction Code
4. Nominal Rim Diameter (inches)
5. Load Index (not present on ZR tyres)
6. Speed Symbol
7. Mud and Snow

Tyre Mark Information

Choose the proper tyres for your vehicle using the following tyre mark information.

Speed Symbol	Maximum Allowed Speed
Q	Up to 160 km/h (99 mph)
R	Up to 170 km/h (106 mph)
S	Up to 180 km/h (112 mph)
T	Up to 190 km/h (118 mph)
U	Up to 200 km/h (124 mph)
H	Up to 210 km/h (130 mph)
V	Up to 240 km/h (149 mph)
W	Up to 270 km/h (168 mph)
Y	Up to 300 km/h (186 mph)
ZR	Up to 240 km/h (149 mph)

Specifications

Specification

Electrical System

Item	Parameter Value
Lead-Acid Battery	6-QW-45 (325)

Wheel Alignment (Unladen)

Item	Specification	Parameter Value
Front Wheels	Kingpin Inclination	$12.97^{\circ} \pm 0.75^{\circ}$
	Caster Angle	$5.17^{\circ} \pm 0.75^{\circ}$
	Camber Angle	$-0.4^{\circ} \pm 0.75^{\circ}$
	Toe Angle	$0.16^{\circ} \pm 0.16^{\circ}$ (Total Toe)
Rear Wheels	Camber Angle	$-1.2^{\circ} \pm 0.75^{\circ}$
	Toe Angle	$0.2^{\circ} \pm 0.2^{\circ}$ (Total Toe)

Wheel Balancing

Wheel	Outer Side (Adhesive Type) Balance Weight	Inner Side (Hook-on Type) Balance Weight
245/45 R19 102Y	12 g	7 g

Braking System

Item		Specification
Brake Pedal Free Play		$\leq 5.0\text{mm}$ (0.2 in)
Reasonable Usage Range of Brake Friction Pads	Front	3-10mm (0.1 - 0.4 in)
	Rear	2 -10mm (0.1 - 0.4 in)

Drive System

Item	Parameter Value
Drive System	Rear-Wheel Drive

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1 Warnings and Safety Information

When using the navigation system, please pay attention to the following warnings and safety information to ensure your safety and the safety of others:

- Comply with traffic regulations: The route suggestions provided by the navigation system are for reference only. You should always adhere to local traffic laws and road signs to ensure safe driving.
- Pay attention to real-time traffic conditions: The navigation system will provide real-time traffic information, but actual road conditions may vary. Please adjust the driving route according to the current situation.
- Safe operation of the navigation system: Avoid frequent operation of the navigation system while driving, and keep your attention focused on the road and surrounding environment. It is recommended to use the voice command feature to search for destinations and plan routes via voice commands to reduce distractions.
- Regularly update the system: Regularly check and update the map data and navigation application version to ensure the navigation system provides accurate information and the best service experience.

The above are just some common safety tips. By following these recommendations, you will be able to use the navigation system more safely and easily, enhancing your driving experience.

2 Getting Started

The Navigation app aims to provide an intuitive and convenient navigation style for your daily driving. This integrated navigation system combines the reliability of the on-board system with powerful cloud services. You can obtain reliable route guidance and real-time traffic conditions, giving you a clear view of the road ahead. The system performs best when connected to cloud services, but even without a connection, you can still enjoy seamless and fully functional navigation.

2.1 Before Using Navigation System

When using services such as online navigation and voice control, please complete the following two steps in the mobile APP in advance:

- Connect with the vehicle, refer to the "To Start Connected Service" section for details.
- Scan the QR code to log in to your account when the vehicle's display is powered on, and select the network mode to complete the functionality authorisation. If the above two steps are not completed, only offline services such as offline voice control and offline navigation will be available, and some online functions will be unavailable.

Before using the navigation system, make sure you are familiar with its basic operations and functions. This system uses an on-board positioning system together with map data to provide both online and offline services. It includes an intelligent search engine with a single search bar for quick destination results. With one-touch route planning, it recommends the fastest route. The real-time traffic function also provides better route suggestions during traffic jams, helping you reach your destination accurately and conveniently.

To ensure the best experience, please try to avoid distracted operations while driving, and it is recommended that you perform destination input and setting functions only when it is safe to do so. Additionally, the system supports voice operation, allowing you to search for destinations, plan routes, and carry out other actions using voice commands, further enhancing driving safety and convenience.

2.1.1 To Start Connected Service

2.1.1.1 Download and Authentication

- You can download the Mobile APP from the Apple App Store and Google Play.

NOTE

Please note that this application is only compatible with mobile operating systems iOS 13.0 or later and Android 8.0 or later. The app's control functions are not supported on devices running earlier operating system versions.

2.1.1.2 Connecting with Vehicle

You can initialize your account information and connect with the vehicle at the dealership with the assistance of the service staff. Once the connection is complete, follow the steps below to connect the app with the vehicle:

1. After logging in to the App, navigate to the available vehicles page and select "Connect Vehicle" to view the list of vehicles;
2. Select your vehicle from the list. You will see your vehicle's model, VIN and other details displayed;
3. Click to obtain the verification code, the system will send the vehicle connection verification code to your email address;
4. Enter the verification code from your email and click [Confirm Link] to complete the process.

NOTE

After approval, the vehicle is displayed in the "Mobile APP". If the authentication fails, the SMS message will prompt the reason for the failure. Please submit the materials for review as required.

2.1.1.3 Disconnect with Vehicle

If you need to cancel your account, you can disconnect your car in the following ways.

1. After the owner enters the home page, click the nickname of the vehicle in the upper left corner (default nickname: My vehicle or My car) to enter the vehicle management page;
2. Enter the vehicle management page and click the picture of the vehicle to enter the vehicle details page;
3. Click the "Disconnect Vehicle" button to enter the vehicle disconnection page, which will indicate the related impact and preconditions after disconnection;
4. After clicking "Confirm", the system will automatically judge whether there is a valid vehicle sharing record in vehicle. If there is, the pop-up window will prompt and provide a button to go to the vehicle sharing management to end the sharing. If there is no valid vehicle sharing record, the system will enter the account e-mail verification stage;
5. Click to obtain the verification code, the system will send the email verification code to the owner's mailbox;
6. Enter the verification code obtained from the e-mail address, and click "Confirm disconnection" to complete vehicle disconnection.

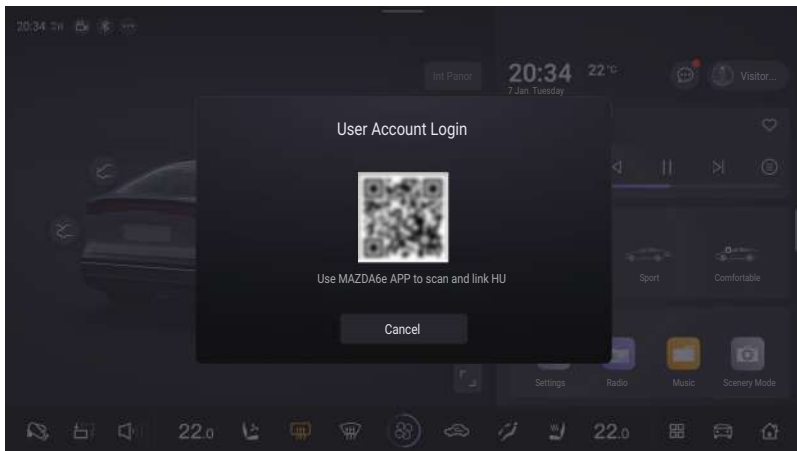
CAUTION

The management rights of the MAZDA 6e account belong to the user. Please refer to the MAZDA 6e for the User Agreement and Privacy Policy. If the user needs to clear the data of the MAZDA 6e on the mobile device, please perform the operation on the mobile side. If it is necessary to clear the data on the platform side, please bring the relevant identification documents to the dealership for verification and processing.

2.1.1.4 Account Login

QR Code Login

You can tap "Visitor landing" in the personal centre to bring up the QR code login interface, and use the mobile app to scan the code to log into your personal account.



2.2 Navigation Menu

You can turn on navigation through the menu, or access it via the desktop navigation shortcut card when on the wallpaper page. This allows you to perform quick actions directly, such as initiating navigation to your home or workplace. The navigation app is displayed in full screen view on the centre display, providing you with a large interactive map and clear route guidance for easy viewing.



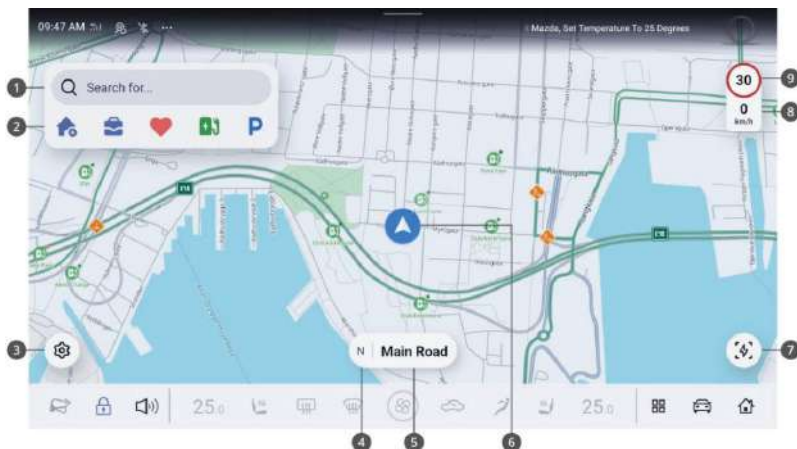
Desktop Navigation Card(Left-Hand Drive Model)



Desktop Navigation Card(Right-Hand Drive Model)

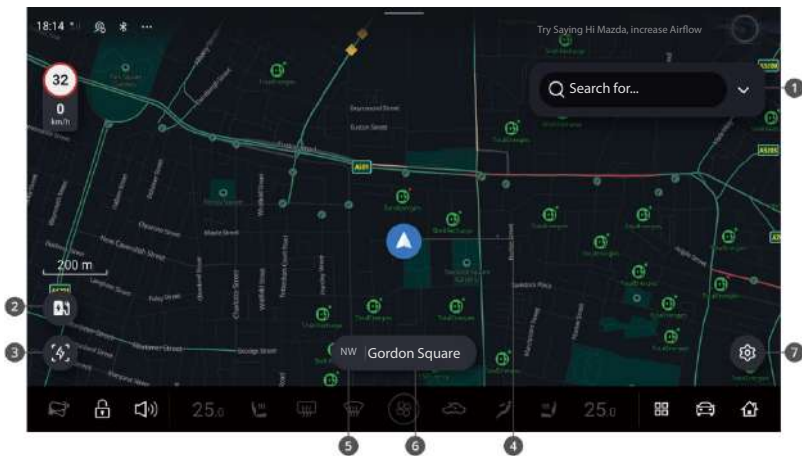
2.3 Buttons and Other Controls on Screen

1. Search - Click the magnifying glass button in the search area to start a search.
2. Quick Access – One-tap navigation to home or company, access to saved locations, and rapid search for charging stations and parking facilities.
3. Settings - Click the settings button to access navigation-related settings.
4. CVP direction - Indicates the direction in which the vehicle is moving.
5. Current road label - Displays the name of the current road.
6. Current Vehicle Position (CVP) icon - Shows the current location of the vehicle on the map.
7. Battery remaining power - Click the driving icon to display the distance you can travel with the current battery level.
8. Speed alert - Displays the vehicle speed in real-time, with the icon turning red as a warning when speeding.
9. Speed limit - Provides accurate speed limit indications for the current road.



Free Drive Mode(Left-Hand Drive Model)

1. Search - Click the magnifying glass button in the search area to start a search.
2. Charging station search - Click the charging station icon to quickly search for charging stations.
3. Battery remaining power - Click the driving icon to display the distance you can travel with the current battery level.
4. Current Vehicle Position (CVP) icon - Shows the current location of the vehicle on the map.
5. CVP direction - Indicates the direction in which the vehicle is moving.
6. Current road label - Displays the name of the current road.
7. Settings - Click the settings button to access navigation-related settings.

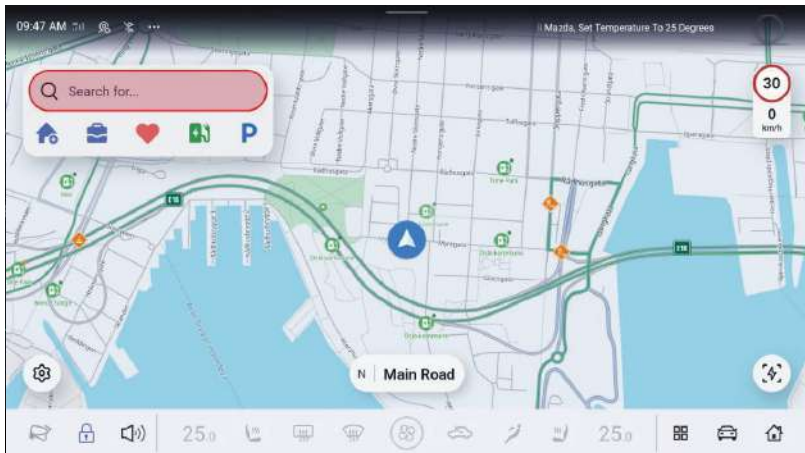


Free Drive Mode(Right-Hand Drive Model)

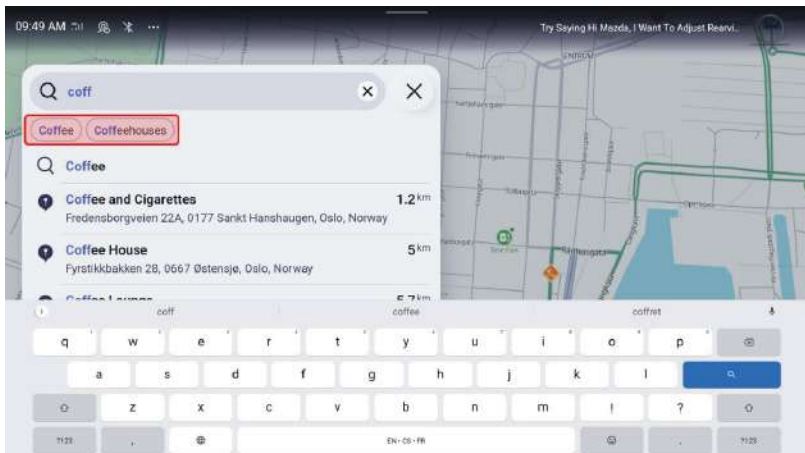
2.3.1 Using Keyboards

When using navigation, you can enter information using the system keyboard. The primary use cases for the keyboard include searching for destinations, setting key locations (such as your home or workplace), and naming saved point-of-interest (POI). In a standard search scenario, the system supports associative historical keywords, keyword autofill, and intelligent completion functions, reducing your input time and maximising

driving safety.



Entering from Keyboard



Selecting Automatic Suggestions

2.3.2 Commander Switch Operation

Navigation not involved.

2.4 Map Screen

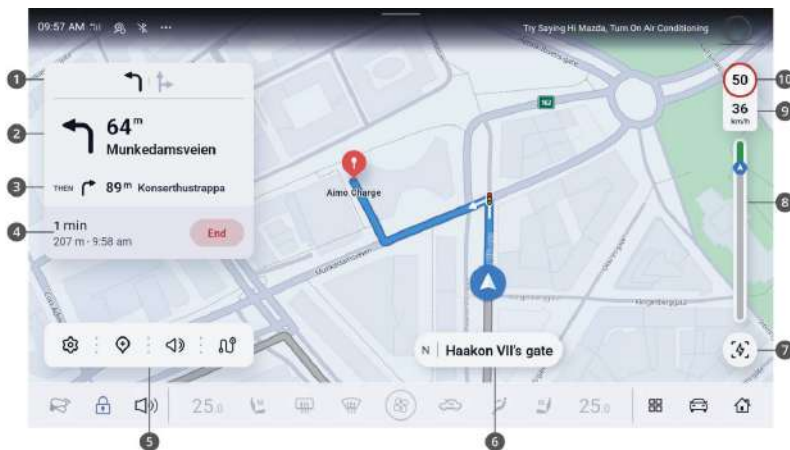
The map screen includes a variety of functions and information displays, covering navigation operations, location marking, viewing detailed information of objects, map controls, and version checking. This will help you fully understand how to use the map screen efficiently for navigation and information queries.

2.4.1 Navigating on Map

After selecting your destination and starting navigation, you will receive clear and easy-to-understand turn-by-turn instructions on the central screen, accompanied by voice guidance through the on-board speakers, ensuring you understand the directions to your destination accurately. This reduces the pressure of upcoming manoeuvres, and the easy-to-understand guidance lets you know exactly when and where to turn. The navigation interface offers multiple functions, including:

1. Lane guidance: Provides accurate lane guidance, follow the highlighted lane for operation.
2. Navigation bar (turn indicator): Helps you understand the next action, including the type of turn, distance, and the name of the road after the turn.
3. Sharp turn view: When approaching a turn operation and a second turn operation is about to appear, the sharp turn menu is displayed.
4. Estimated time of driving (ETE), estimated time of arrival (ETA) and remaining distance: Provides information on the distance to the next destination and the time required, and supports quick navigation termination.
5. Broadcast mode adjustment: Click to quickly adjust the navigation broadcast mode.
6. Current road label: Displays the name of the road currently being driven on.
7. Battery remaining power - Click the driving icon to display the distance you can travel with the current battery level.

8. Traffic bar and traffic incident icon: The simulation bar displays real-time traffic conditions, with blue indicating smooth flow and yellow and red indicating congestion. Different icons indicate specific traffic events ahead.
9. Speed alert: Displays the vehicle speed in real-time, with the icon turning red as a warning when speeding.
10. Speed limit: Provides accurate speed limit indications for the current road.



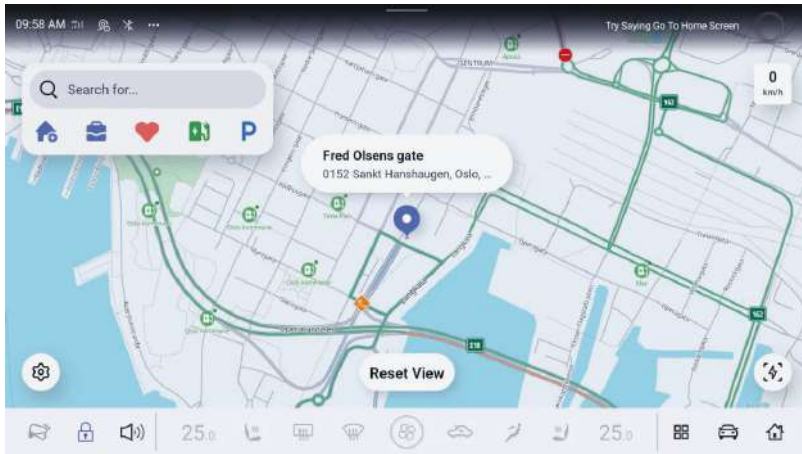
Navigation Guide Mode

2.4.2 Position Markers

The location marker intuitively displays your current position and movement trajectory, as well as the vehicle's orientation on the map screen. The current vehicle position (CVP) icon helps you quickly locate your position and clearly guides you to your destination.

2.4.2.1 Selected Map Location (Cursor) and Selected Map Object

Supports picking and selecting point-of-interest (POI) on the map. Click to display detailed information about the point (such as the POI name, address, distance, etc.), and supports operations such as favourites, surrounding searches, and route planning.



Selecting Points on Map

2.4.3 Objects on Map

The navigation interface offers a rich HMI design, displaying various map elements including green spaces, rivers, and oceans, and showcases multidimensional buildings as references. You can manually or automatically adjust the map scale for anti-aliasing and smooth movement. The display content is as follows:

- Base map information: Displays basic map information such as roads, administrative boundaries, green spaces, and water bodies like rivers.
- Road conditions display: Real-time display of traffic flow and traffic event details, relying on real-time data provided by HERE.
- Marker display: Supports displaying different icons and symbols, such as POIs, start points, end points, waypoints, nearest destination, favorite points, etc.
- Map POI category display control: Users can select their preferred POI categories to always display, such as charging stations, parking lots, restaurants, cafe, shopping etc.
- Traffic reminder information: Displays speed limits, speed cameras, and other safety information.
- Displayed in 3D mode: Displays 3D blocks and buildings according to actual data.



3D Car-Heading-Up Screen

2.4.3.1 Streets and Roads

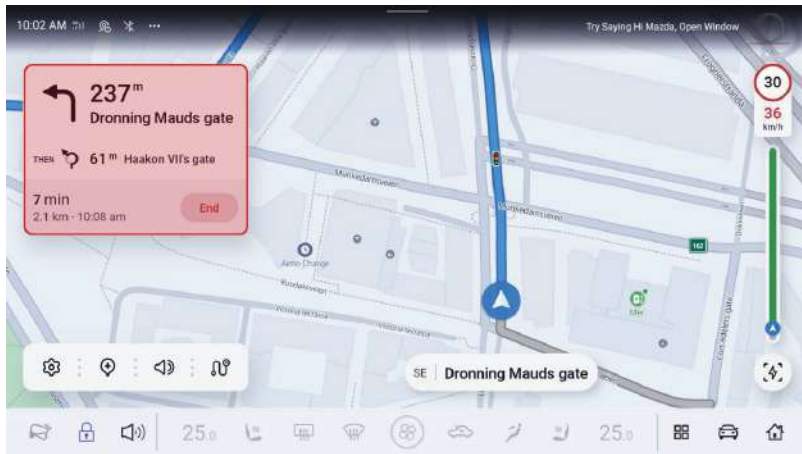
In the operation of the navigation system, whether in navigation guidance mode or free-driving mode,, the current road name will be displayed in real time at the bottom of the screen, providing you with clear positioning information. This function ensures that you know your exact location at any time, especially in complex urban road networks, helping you avoid getting lost. At the same time, the real-time updated street names combined with navigation elements such as turn indications and intersection previews provide you with comprehensive route-guidance assistance.



Current Road Name

2.4.3.2 Turn Preview and Next Street

In navigation guidance mode, you can view the "Next turn operation" menu through the TBT guidance information panel of the map to check the turn arrow, turn distance, and street name for the next turn operation. At the same time, information such as the remaining distance to the next destination, Estimated Time of Arrival (ETA), and Estimated Time Enroute (ETE) will also be displayed on the screen.



Next Turn Operation Reminder

2.4.3.3 Lane Information and Road Signs

When the navigation system encounters traffic events during route planning, it will inform you through the route traffic event pop-up bar and prompts, ensuring that you stay informed about traffic conditions during driving, and make adjustments according to the actual situations to ensure smooth and safe driving.

- If the system recognizes a better route, it will proactively prompt you to confirm whether to update the route.
- Traffic events will be prompted on the map in the form of icons. You can click on the icons to view the details of the events, including construction, road closures, etc.



Lane Information

2.4.3.5 Intersection Enlarged View/Highway Intersection View

When you approach an intersection that requires a turn, lane change or highway exit, the system will display a clear enlarged view of intersection on the screen. The view includes lane distribution, guidance arrows, and corresponding turning prompts, helping you quickly understand the driving path.

Regardless of the complex intersections on urban roads or forks and exits on highways, this function can intuitively show the lanes that should be selected, allowing you to prepare in advance and ensure the smooth completion of next operation. With this intuitive lane guidance, you can drive with more confidence and reduce the inconvenience and risk caused by hesitation or taking the wrong lane at critical intersections.



Intersection Enlarged View



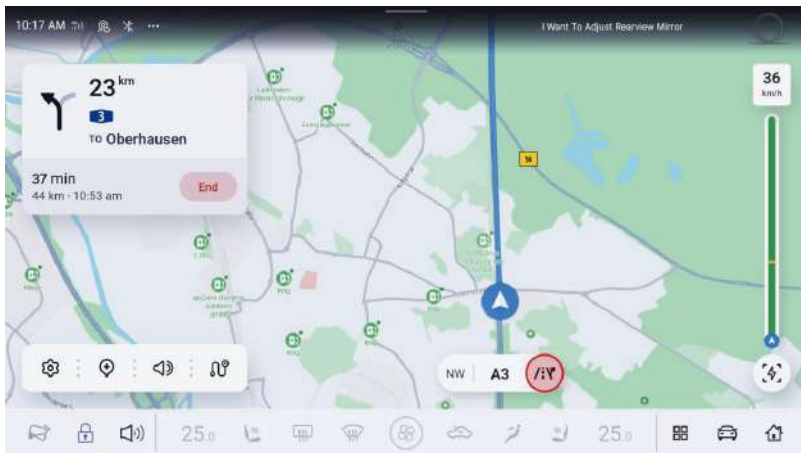
Highway Intersection View

2.4.3.6 Highway Exit Information

Click the exit icon on right side of the current road name at the bottom of map to open the exit list. The icon is displayed only when there are available exits on the highway.

When driving on a road with designated exits, the exit list can be used. The exit list will show the number of exits, the distance between the current

vehicle position and the exit, and the available convenient parking spots, such as charging station, restaurant and hotel, etc.



Highway Exit Button

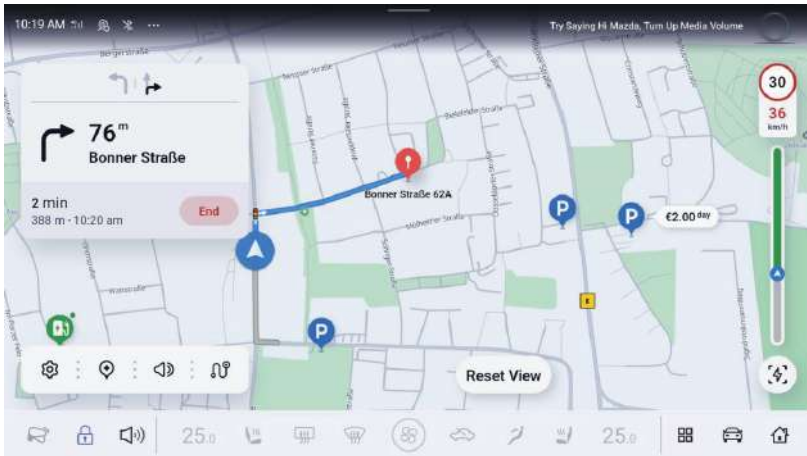


Highway Exit List

2.4.3.7 Elements of Active Route

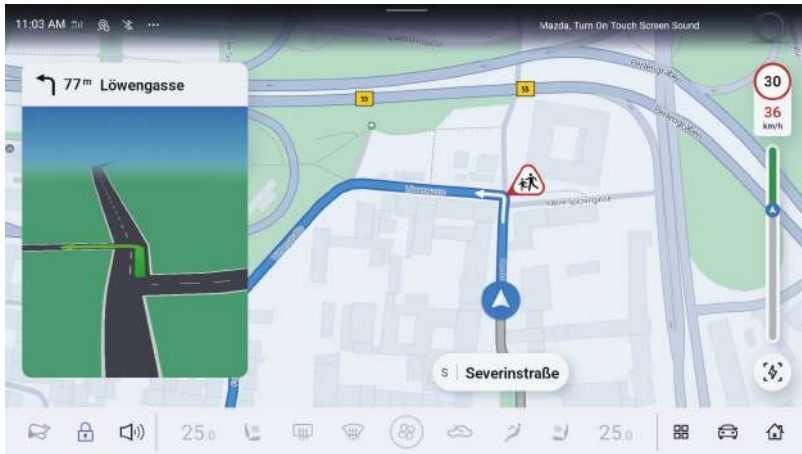
The navigation guidance mode not only includes a basic introduction to navigation on the map, but also integrates a variety of scenarios and functions to enhance your driving experience. During your journey, the

system will remind you to pay attention to traffic enforcement cameras, road facilities ahead and school areas to ensure driving safety. When approaching the destination, the navigation will recommend nearby parking lots and charging stations and display them via icons, making it easy for you to quickly find convenient parking or suitable charging locations. After navigation ends, the system will display the current destination information and the total duration of the entire trip, allowing you to have a clear understanding of the journey.



Recommended Parking Lots/Charging Stations

In navigation scenarios, the map display elements are also carefully designed to help you better understand the routes and road conditions. The travelled routes will be displayed in grey, clearly distinguishing between travelled and untravelled routes. Intersection turn arrows are highlighted to ensure that you do not miss any turn points. Traffic events, such as construction ahead, are displayed on the map via icons, allowing you to prepare in advance.



Route Overview

To help you focus and improve driving safety, the navigation system provides detailed voice guidance, reducing the possibility of missing intersections. Voice guidance supports broadcasts of TBT navigation information, speed limits, traffic enforcement cameras, road safety and road conditions ahead. You can also choose the broadcast mode according to your preferences, including standard, tone only, or mute, and adjust the broadcast volume to enjoy a personalized navigation experience.

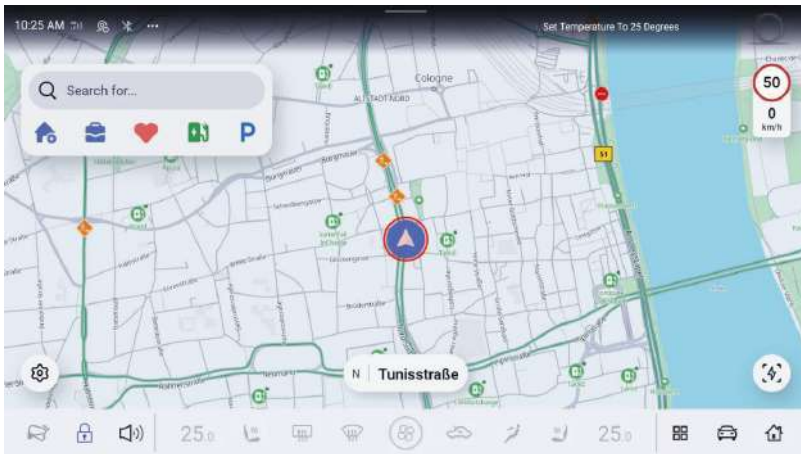
2.4.4 Map Operations

- **Zoom:** The map display adjusts to different scales as you zoom in or out. The scale in the Telenav Map is not fixed; the displayed scale for your current location is calculated based on your latitude, longitude, and hardware screen size. The scale corresponding to different zoom levels will be recalculated and displayed with your zoom operation.
- **Drag to move the map:** When you drag the map, a reposition button appears. Click this button to instantly reset the map to its default view, centred on your vehicle.
- **View angle switching:** In the settings, you can switch among three modes: 2D North Up, 2D Heading Up, and 3D Heading Up.
- **Gesture recognition:** You can interact with the navigation display by touching different areas of the screen. To explore the map, use the following gestures:
 1. **Zoom gestures:** After zooming, the scale control updates.

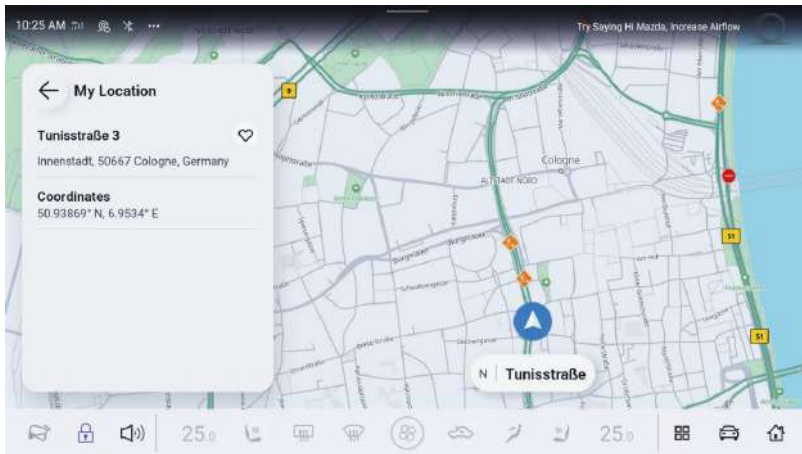
- Pinch in with two fingers to zoom out;
 - Spread two fingers apart to zoom in;
 - Double-tap with two fingers to zoom out;
 - Double-tap with one finger to zoom in;
2. Drag to move: Supports dragging the map to move the map. Move the map by dragging it with one finger left, right, forward, or backward;
 3. Rotate the map: Place your thumb and index finger on the map, then rotate them to the left or right;
 4. View angle switching: Switch between 2D and 3D perspectives by placing two fingers on the map and swiping up or down.

2.4.5 Checking Details of Current Position (Where Am I?)

In the navigation system, your current vehicle position is always clearly shown on the map screen as a CVP arrow icon, providing real-time location information. The icon intuitively indicates the current location of your vehicle on the map. You can tap the current road name to view detailed information about current location.

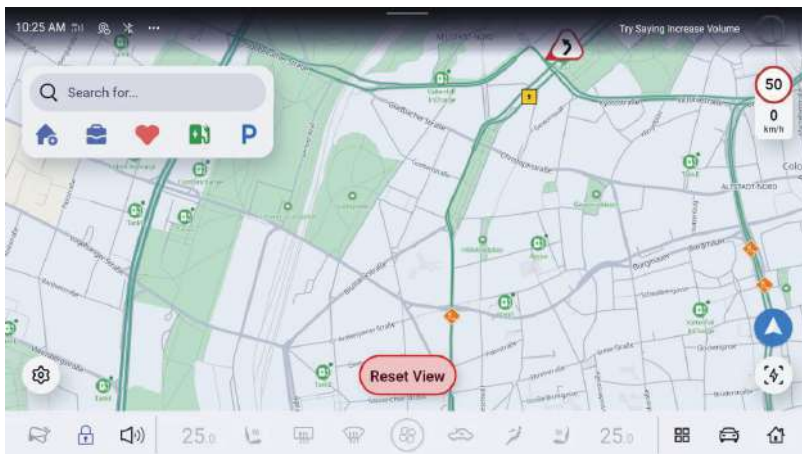


Current Vehicle Location Icon



Details of Current Location

After you drag on the map to view other areas, the screen will provide a "Recentre" button, allowing you to easily re-centre the map on your vehicle's location with one click, quickly returning to the current view.



Quick "Recentre" Button

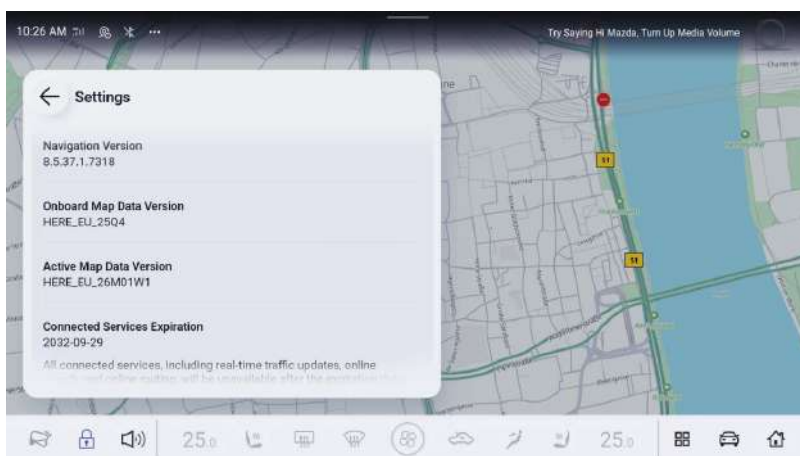
In addition, the system also features an intelligent auto-correction function. If you do not operate the map for a period of time, the system will automatically detect this and smoothly move the map view back to your vehicle's location after approximately 15 seconds, ensuring that you can

always quickly access the latest information about your position.

2.4.6 Navigation Map Version Checking Method

To check if your navigation system has the latest map data and application version, enter setting menu of navigation system, select "About". The system will display the currently installed navigation app version and related map data version information. Distinguish between pre-installed offline map versions and map data versions currently in use. The map data version currently in use means that the system will automatically obtain and use the latest map data in the cloud first when connected to the Internet; When there is no network, the on-board offline map data will be used.

Continuous version updates ensure you can get the latest traffic conditions and route planning, maintaining navigation accuracy and reliability.



Navigation Version Information

2.5 Voice Recognition

Our navigation system supports voice recognition function, and you can perform various operations through voice commands, thus reducing distractions while driving and improving driving safety. The content in section 2.5.1 is a list of commonly used voice commands to help you quickly understand and use voice control function.

2.5.1 Voice Command List

Function Type	Detailed Requirements	Example of Dialogue
Navigation Control Class	Enable/disable map by voice	Enable/disable navigation map Enable/disable map
	End navigation by voice	End navigation
	Preview the entire route during navigation	Full route preview/exit full route preview
	Favorite current location/ destination	Add current location/ destination to navigation favourites
	Map view switching (2D north up/3D heading north up)	Switch the map view to 2D north up/Switch the map view to 3D heading north up
	Map zoom in/out	Zoom in/out map
	Enable/disable realtime road conditions by voice	Enable/disable road conditions
	Enable/disable navigation history by voice	Enable navigation history
	Enable navigation favourites by voice	Enable navigation favourites
	Set/modify quick addresses (home/ company)	Set the home address to xxxx

	Switch navigation broadcast mode by voice	Set the navigation broadcast mode to Concise
	Make a call through voice address card	Call the first one
	Reorder the voice address card conditions	Sort from near to far
Navigation Class	Express navigation intent only	I want to navigate
	Navigate to POI	Navigate to train station
	Navigate to city	Navigate to Shanghai
	Navigate to the tagged address	Navigate to restaurant
	Navigate to history	Navigate to history
	Navigate to favorite POI	Navigate to favorite address
	Quick navigation (home/company)	I want to go home/to the company
	Colloquial navigation expression	I'm hungry/want to go to the toilet

	Nearby search	Navigate to a nearby hot pot restaurant
	Waypoints	Set charging station as waypoint/ delete waypoint
Navigation Query Class	Query current location	Where am I now/ What is my location
	Query home/company location	Where is my home/ company?
	Query the distance traveled this time	How far have we traveled this time/just now
	Query the time traveled this time	How long have we traveled this time/just now
	Query the remaining travel time	How much longer
	Query the remaining travel distance	How much farther

3 Road Navigation

The road navigation function provides multiple ways to quickly set a destination: Directly enter the address, select a point-of-interest (POI), specify a location on the map, choose a frequently used location from favourites, or reselect a previously visited destination from history. These options allow you to quickly plan the best route, no matter where you are, providing a convenient navigation experience.

3.1 Selecting Destination for Route

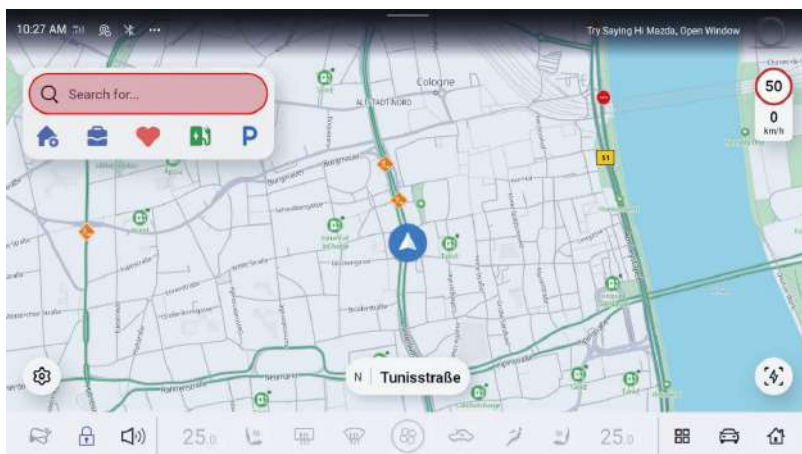
Select your preferred search method. Use the one-box search to find destinations, discover shopping and dining locations by point-of-interest (POI) categories, or simply explore the area by scrolling the map. With multiple convenient search methods, you can always quickly find what you need.

3.1.1 Entering Address or Partial Address

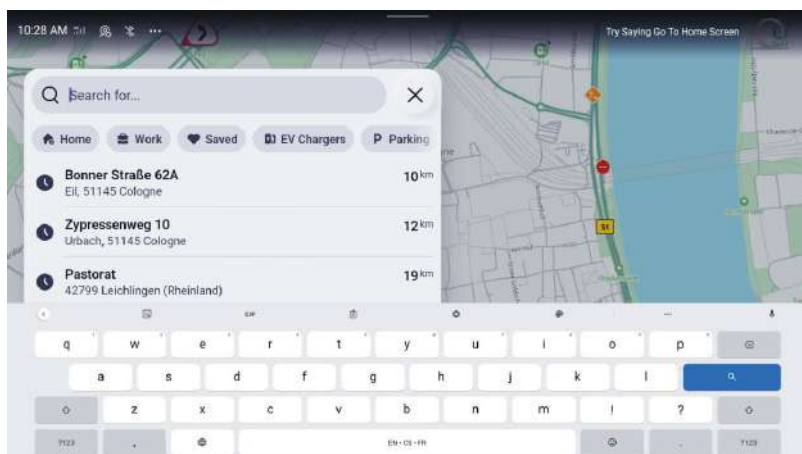
With the powerful one-box search–search list, you can always find what you need with one-box search no matter where you are. Obtain relevant suggestions while entering to find what you need faster.

3.1.1.1 Entering an Address

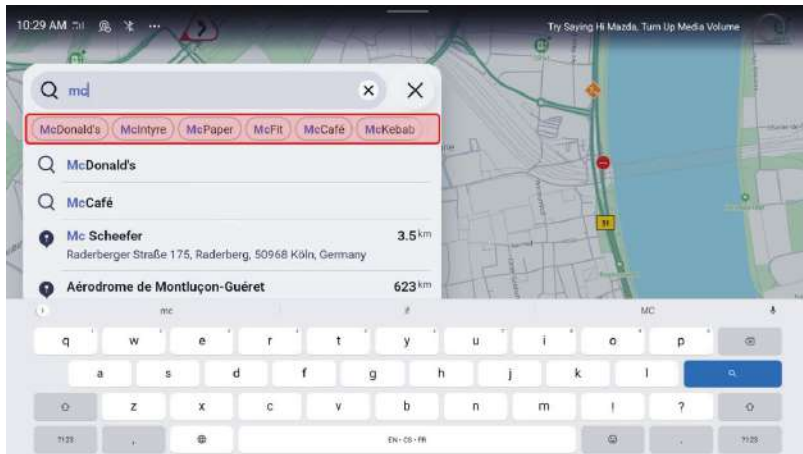
The system supports destination search by entering keywords in the input box. It provides keyword association, POI lists, keyword autofill, and automatic suggestions during entering. It also allows one-button quick deletion of all content in the input box. Additionally, it supports search association, including history keywords, keyword autofill, and intelligent completion function, which reduce user's entering time and provide maximum protection for driving safety.



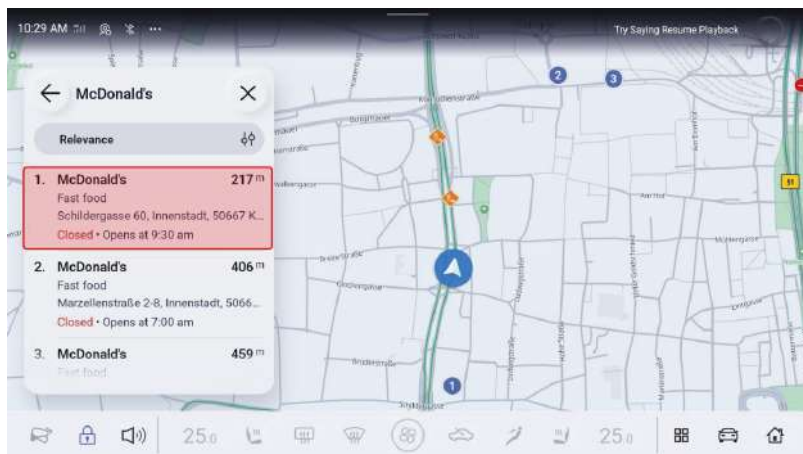
Clicking Search Icon



Entering from Keyboard



Selecting Automatic Suggestions



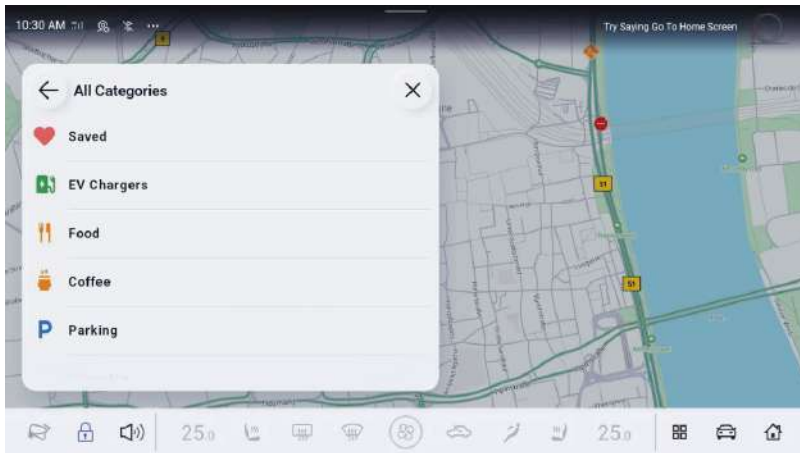
Selecting Search Results List

3.1.2 Selecting Destination from Point-of-Interest (POI)

Various types of popular point-of-interest (POI) category information are available for your selection, so you can quickly browse the list of relevant suggestions without entering any detailed information.

3.1.2.1 Quick Search for a POI (Point-of-Interest)

The supported categories are determined based on the actual categories supported by the map data provider in the relevant area, subject to the actual capabilities of the cloud interface. For example: Saved, EV Chargers, Food, Coffee, Parking, Shopping, Attractions, Entertainment, Lodging, Emergency, ATMs, Rest Areas, Service Station.

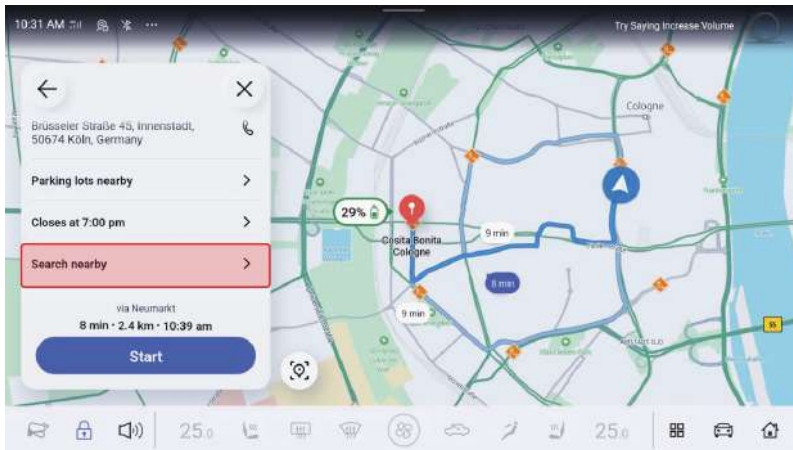


Popular Category Recommendations

3.1.2.2 Help for Nearby Search

Nearby search supports two scenarios: Current location and selected point.

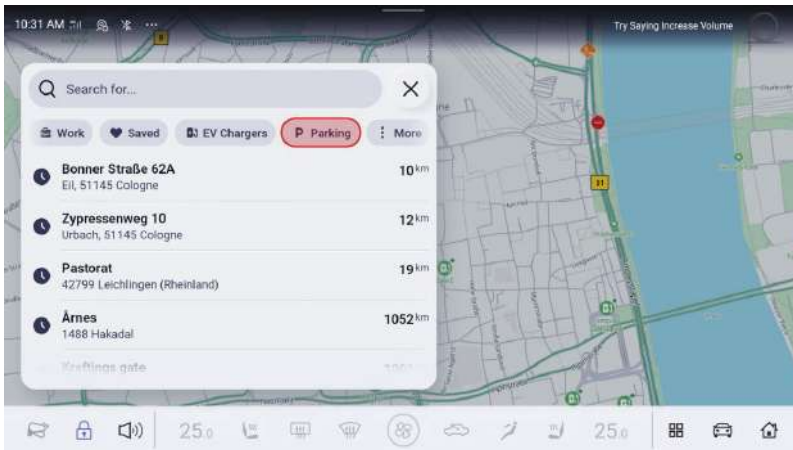
1. Search around parking space: It automatically searches the area around your current parking space by default, supporting nearby search by keyword or category.
2. Search around selected point: The search around the selected point supports specifying the location of point-of-interest (POI). On the details page of this POI, click the "Search nearby" button to perform a nearby search by keyword or category.



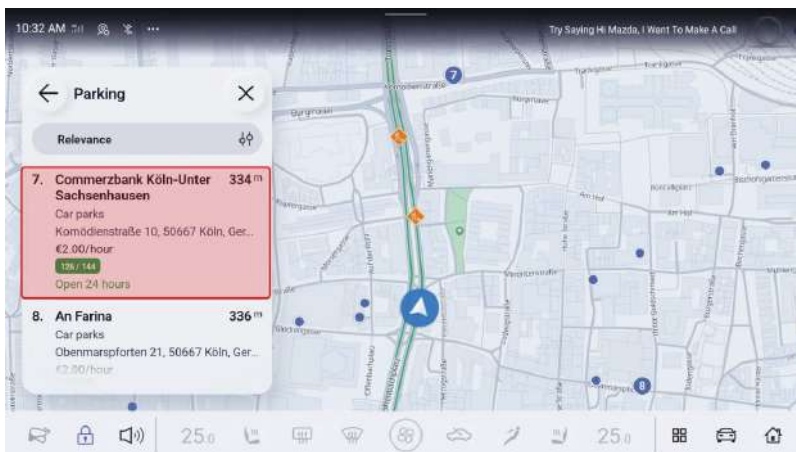
Nearby Search

3.1.2.3 Searching for a POI (Point-of-Interest) by Category

Whether you are looking for a charging station, hospital, restaurant, or any other service facility, you only need to use simple category filters, and the system will display all relevant location options. There are also sub-categories in filters, making it more precise and convenient for your search. In addition, the system supports intelligent sorting functionality, enabling search results to be sorted based on distance or other criteria, ensuring you can easily find the location that best meets your needs.



Selecting a Category - for Example, Parking



Selecting a Parking Space and Clicking "Start Navigation".

3.1.2.4 Searching for a POI (Point-of-Interest) by Name

If you already know the specific point-of-interest you want, our navigation system offers a convenient point-of-interest search function by name. This function allows you to directly enter the name of a point-of-interest, quickly locating your desired destination. This function is particularly suitable for users who have specific needs for specific brands or locations. Whether you are looking for a specific coffee shop, hotel, shopping center, or any other

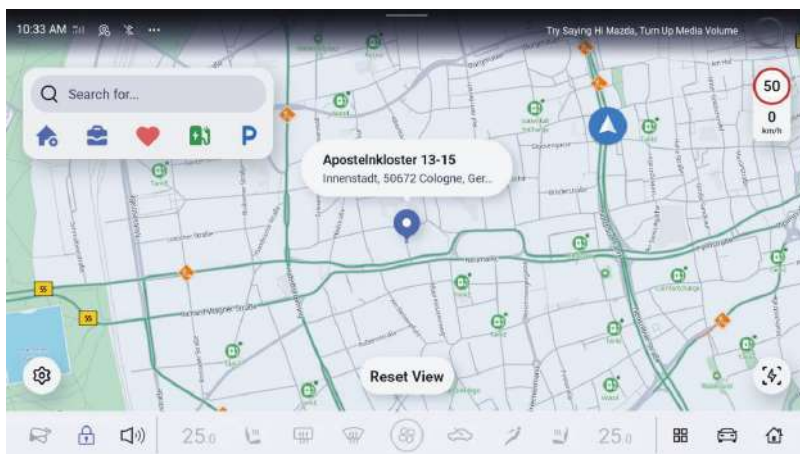
location, as long as you know the exact name, the navigation system can quickly provide you with precise location information and navigation routes.



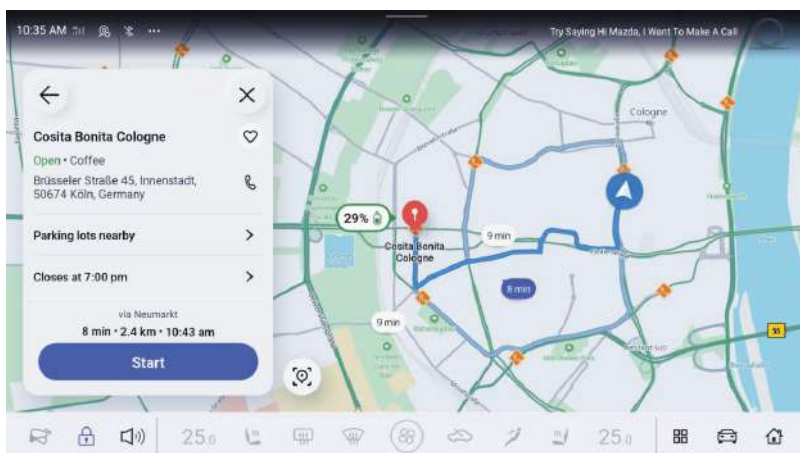
Searching for Brands such as KFC

3.1.3 Selecting Map Location as Destination

Selecting point-of-interest (POI) by picking on the map is supported. Slide the map to find the location you want to set as your destination, which can be any point on the map. Click to display the details of the point (such as the POI name, address, distance, etc), and quickly start navigation with it as the destination. This function is ideal for selecting a destination directly using visual information on the map when there is no specific destination name or address. Whether it is an interesting location discovered on the way or a temporarily changed destination, selecting directly through the map makes your navigation process more flexible and convenient.



Map Picking

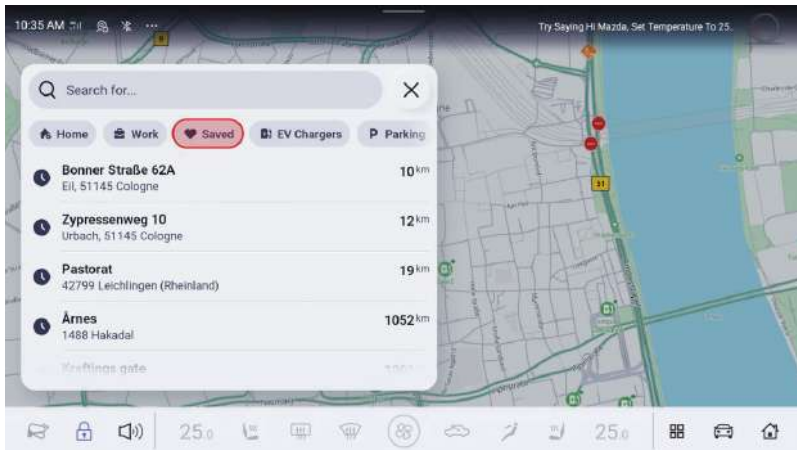


POI Details Page

3.1.4 Selecting Destination from Favourites

To make your trips more convenient, the navigation system allows you to save frequently used or favorite destinations to favourites. When you need to quickly access these locations, simply follow a few simple steps: Click on the favorite icon in the one-box search and select the destination you plan to visit. The favourites function is especially suitable for storing your home address, work location, or any locations you frequently visit. It not only saves

search time but also makes preparation before each trip easier and faster.



Clicking Favourites

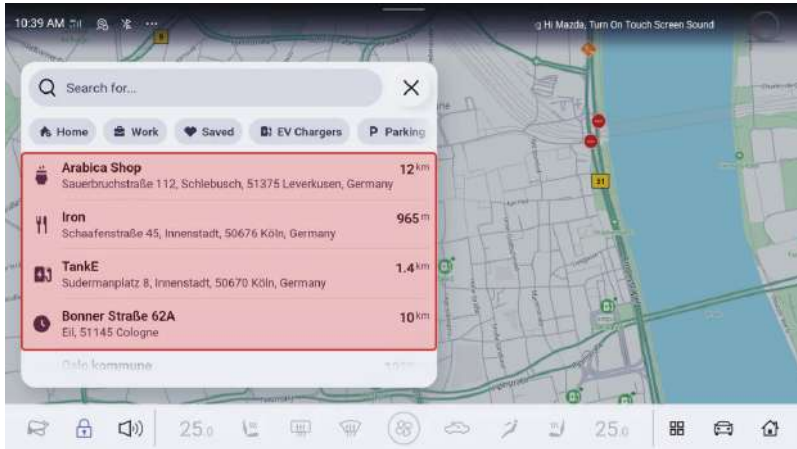


Selecting from Favourites

3.1.5 Selecting Most Recent Destination from History

To quickly revisit locations you've previously visited, our navigation system provides the function of selecting a destination from history. Click the search box to select a point-of-interest (POI) or address from your historical destinations, and then start driving. This convenient method lets you easily

navigate to locations you've visited before.

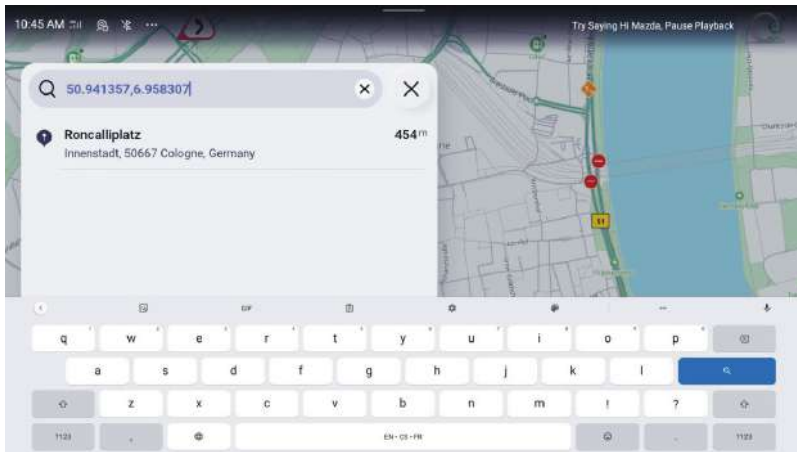


Searching from Recent Destinations

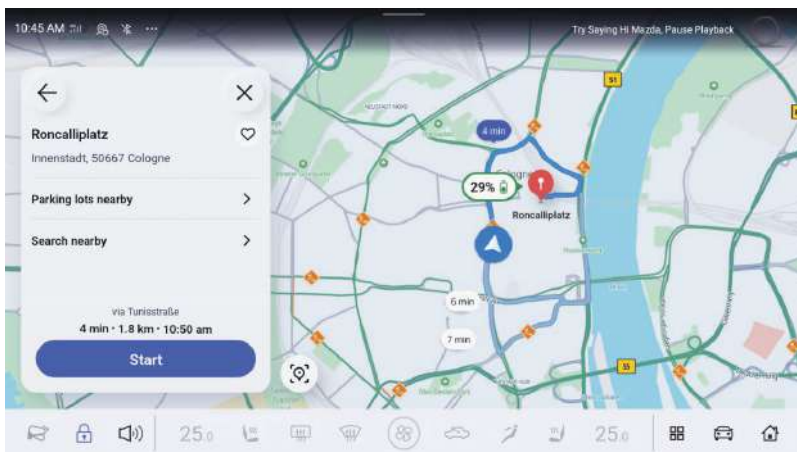
3.1.6 Entering Destination Coordinates

If you know the exact coordinates of the destination, you can directly enter the latitude and longitude to accurately locate the position you want to reach. This feature is particularly useful for users who are familiar with geographic coordinate systems or require precise navigation. Simply enter the destination's longitude and latitude into the search box, and the navigation will quickly locate and match according to the entered coordinates.

By entering the destination's coordinates, you can ensure that the navigation system pinpoints your destination. Especially when going to remote areas or specific geographical locations without clear addresses, this method is very effective.



Entering Coordinates



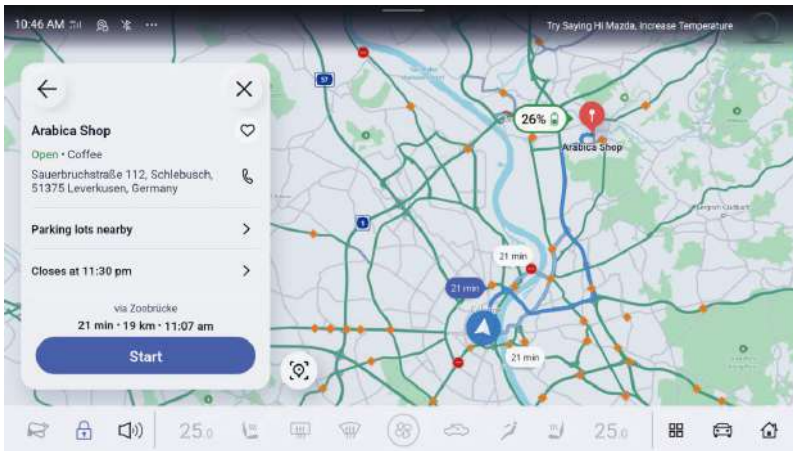
Coordinate Search Results

3.1.7 One-box Search

The One-box Search provides the same function as described in section 3.1.1.1 "Entering an address". It provides keyword association, POI list display, keyword autofill, automatic suggestions and one-button deletion of input contents and other convenient operations, aiming to simplify the search process and enhance driving safety.

3.2 Checking Route Parameters and Accessing Functions Related to Route

After selecting a destination, the system automatically recommends the best route based on your preferences. At the same time, the system provides up to 3 alternative routes, with each route showing the main roads passed, the estimated arrival time, and the total driving distance. When selecting a different route, the system will highlight the corresponding route and update the navigation preview, allowing you to intuitively see the specific direction of each route.



Route Selection

In addition, the system also offers a route comparison function, allowing you to easily compare the advantages and disadvantages of various routes, including key information such as road conditions, travel time, and distance, helping you make the choice that best suits your current needs. After selection is completed, the system will provide the detailed navigation guidance based on the chosen route.

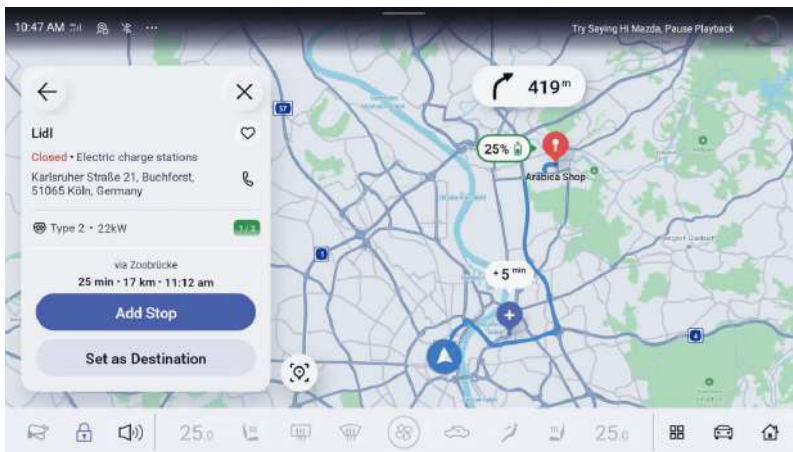
3.3 Modifying Route

With the help of the navigation system, you can easily modify or adjust your current route to accommodate changes in your trip or to suit your personal preferences.

3.3.1 Selecting a New Destination While a Route is Active

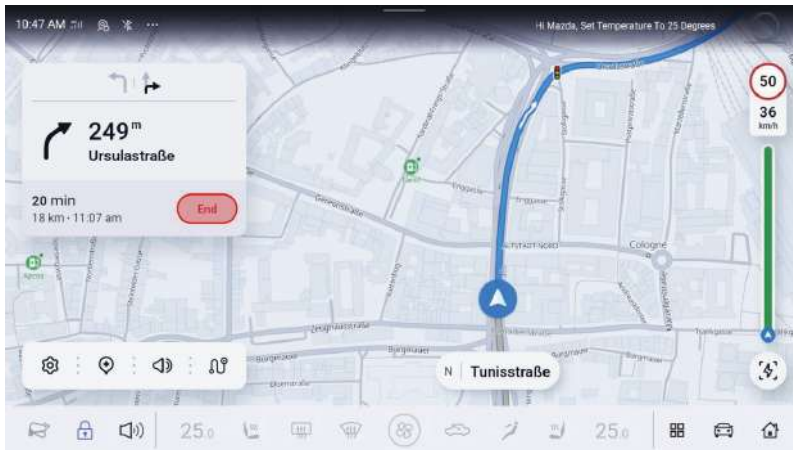
When you are already on a route in navigation and wish to select a new destination based on the guidance in section 3.1 Selecting Route Destination, the system will provide flexible options to accommodate your changes.

1. Add a waypoint: If a new destination is selected, the system will ask if you would like to add this location as a waypoint (intermediate destination) or directly set it as the final destination. After selecting "Add to Trip", the system will incorporate this new location into your route plan and intelligently adjust the route so that you pass through this newly added location on your way to the final destination.



Adding Waypoint

2. Change the destination: If you wish to replace the original destination, select the new destination and click "Set as Final Destination". Then the system will plan the route based on the new destination again. You can also exit the current navigation, then select a new destination according to the guidance in section "3.1 Selecting Route Destination" and start a new navigation route.

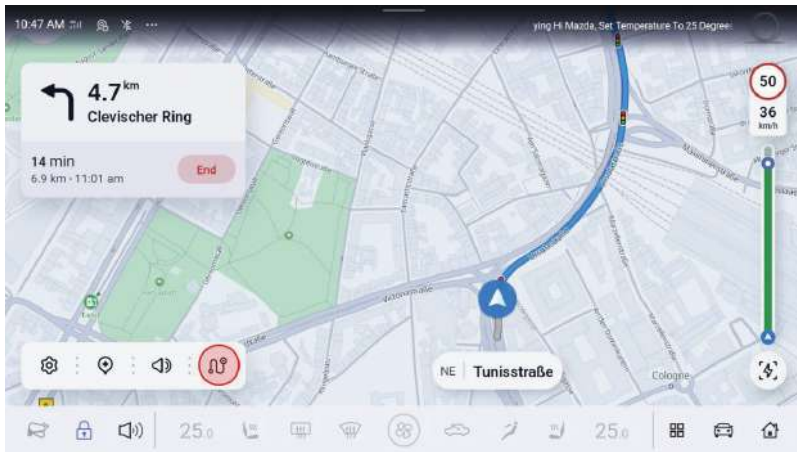


Exiting Navigation

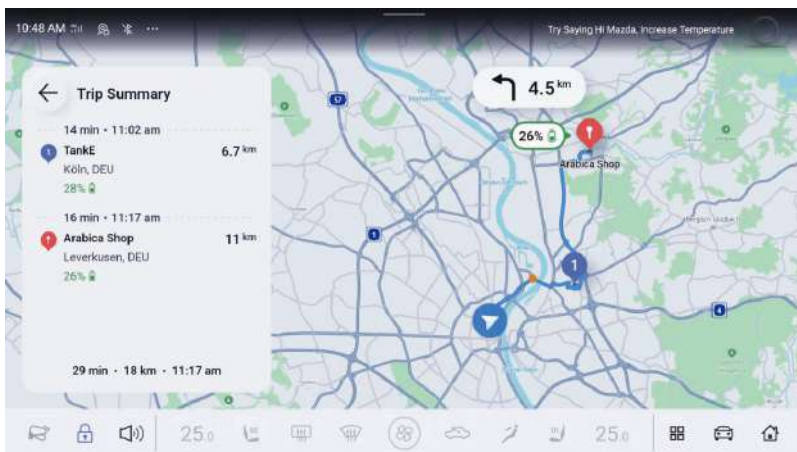
3.3.2 Editing Destination List (Editing Route)

The navigation system offers highly flexible route planning, allowing you to set up to 5 waypoints according to your needs. This makes it easy to plan a route with multiple stops.

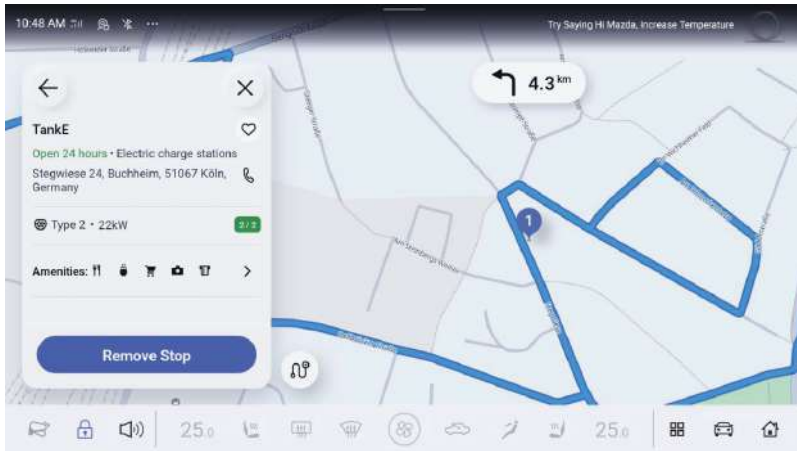
Edit the destination: During navigation, you can click "Route Overview" at any time to access the destination details screen. You can delete the waypoint that is not needed any more on this screen: Click the corresponding waypoint to enter details screen, then delete it from the route. This function provides you with the convenience of instantly modifying your route, making your trip more flexible.



Clicking to Enter Route Overview



Viewing Destination and Waypoints

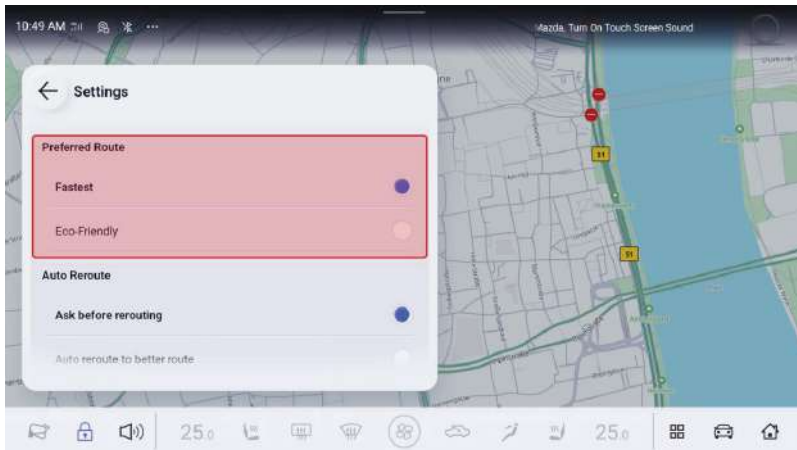


Removing Waypoints

3.3.3 Checking Route Alternatives When Planning Route

When planning your trip, the navigation system provides a variety of customised options to ensure that you can choose the most suitable route based on personal preferences and realtime traffic conditions.

1. Route preference setting: In the settings, you can preset routing principles according to personal preferences, choosing either the "fastest" or "most economical" route.



Preferred Route Settings

2. Dynamic route planning: During navigation, the system continuously monitors traffic conditions in real time and dynamically adjusts route planning. This ensures you receive the latest journey information, helping you better manage travel time and reduce time-related stress. When the system recognizes the better route, it will proactively prompt you to confirm whether you want to update your route.



Better Route Available

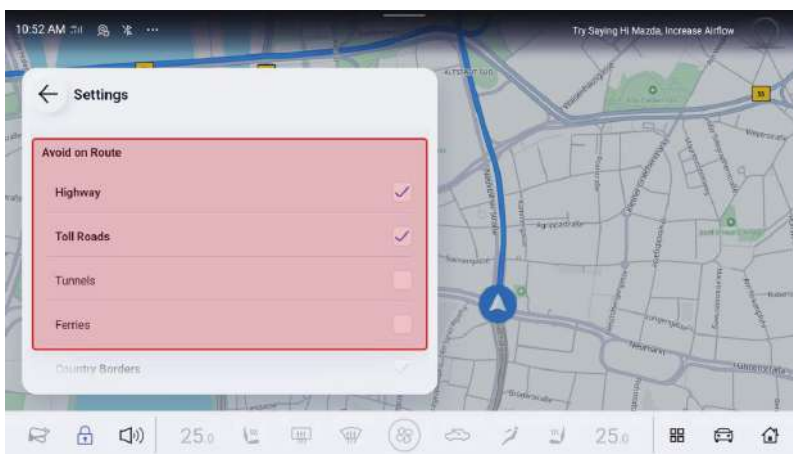
3. Route selection: You can choose different routes recommended at any time to suit your travel needs, following the guidance in the section "3.2 Checking Route Parameters and Accessing Functions Related to Route".

Through these integrated functions, the navigation system not only provides flexible route planning but also intelligently adjusts based on real-time traffic conditions and your personal preferences, ensuring that each of your trips reaches the destination smoothly and efficiently.

3.3.4 Changing Types of Roads Used in Route Planning

When planning a route, you can choose or avoid the specific types of roads based on your personal preferences or specific needs. This function is especially useful for users with special route requirements or those who wish to avoid certain road sections. Avoidance options include:

- Highways: If you wish to avoid highways, you can choose to exclude them in routes planned.
- Toll roads: Exclude sections that require a fee to minimize travel costs.
- Unpaved roads: Ensure that poorly maintained or unpaved roads are not included in the route to improve comfort of driving.
- Tunnels: If you want to avoid tunnels, the system will plan routes that bypass tunnels.
- High-Occupancy Vehicle (HOV) lanes: You can choose to avoid HOV lanes if your vehicle does not meet HOV lane requirements.
- Country borders: If you wish to avoid crossing country borders during international trips, you can set it as avoidance option.
- Ferries: If you wish to avoid a ferry, you can choose to exclude them in routes planned.

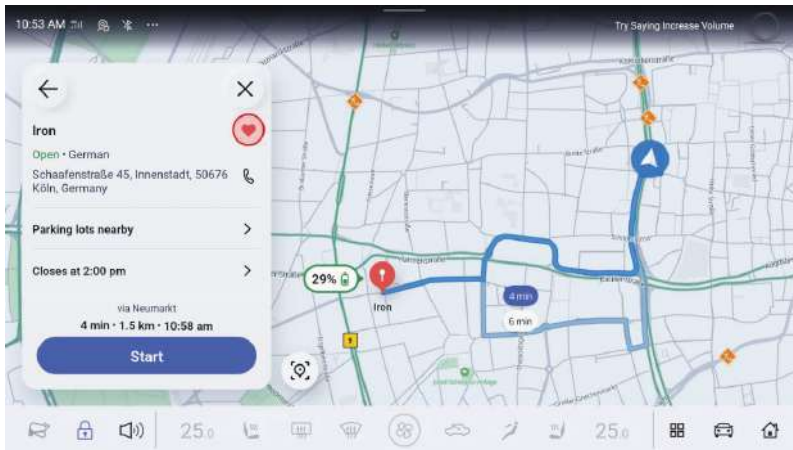


Avoidance Options Settings

3.4 Saving Location as Favorite Destination

The favorite function allows you to save frequently visited or important locations for quick navigation in the future.

When you select a point-of-interest (POI) and click to view details through the "3.1 Selecting Route Destination" section, the screen will provide a favorite button. Click this button to save the location to your favourites list for future use.

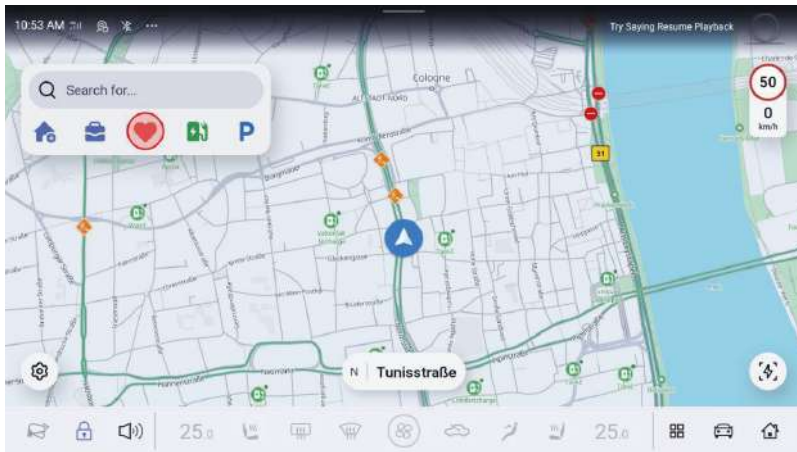


Adding POI to Favourites

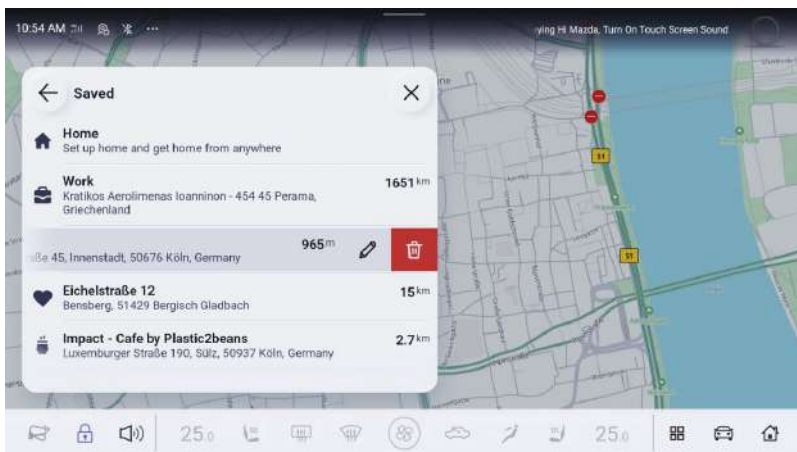
3.4.1 Editing Details for Favorite Destination

The favourites function in the navigation system allows you to efficiently manage your frequently used destinations. By clicking the favourites button, you can access the favourites screen where you can edit and manage your home, office, or any other favorite locations.

- **Edit favorite locations:** On the favourites screen, you can edit the locations you have saved, including changing the favorite address name.
- **Delete from favourites:** If it is not necessary to access a location any longer, you can also choose to delete it from your favourites to keep the list tidy.



Clicking Favourites Button



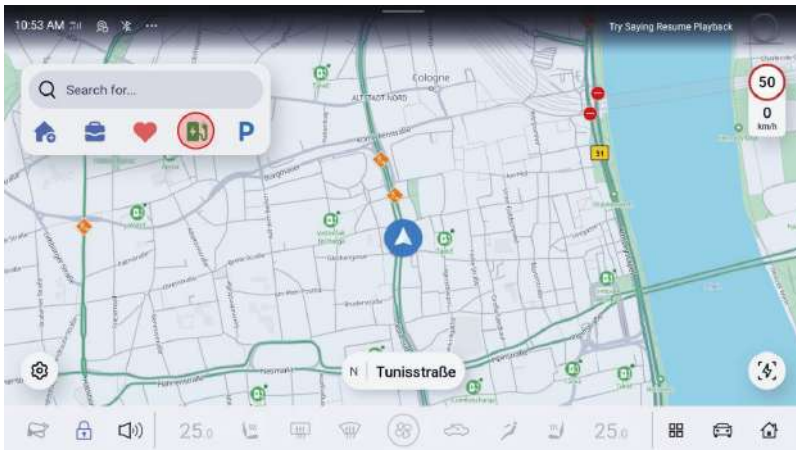
Deleting/Editing Favorite Locations

3.5 Searching for Charging Station

The navigation system provides a series of convenient functions to help electric vehicle drivers easily locate suitable charging stations.

3.5.1 Searching for Charging Station

To meet the needs of electric vehicle drivers, our navigation system provides a convenient "Quick Charging Station Search" function. In cruising mode, the main navigation screen will always display the "Search for Charging Station", allowing you to easily and quickly locate charging stations. In addition, you can use the popular categories in the expanded search box to search for charging stations by category.



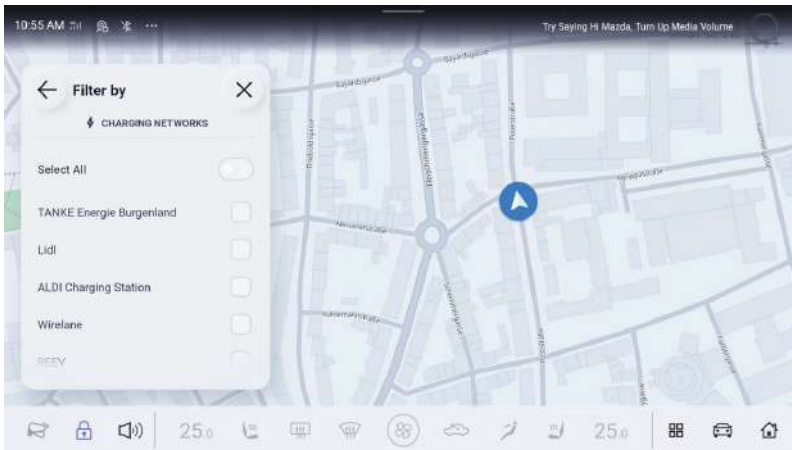
Quick Charging Station Search

3.5.2 Narrowing Down Search Results

When searching for charging stations, the navigation system provides several filtering options to help you quickly narrow down the results based on your personal preferences and find the charging stations that best meet your needs.

- **Sorting order:** You can sort the search results by distance or by compatibility of the charging station with your vehicle to quickly find the nearest or most suitable charging station.
- **Amenities:** When charging during a long-distance travel or in the city, you may want amenities such as restaurants, coffee shop, or shopping centres nearby the charging stations. By filtering, you can find charging stations that offer these amenities.

- **Charging networks/brands:** Based on your brand preference or specific charging network services (such as Allego, Eneco, EVBox, etc.), you can filter the results to display only stations operated by selected providers.
- **Charging rates:** Different charging stations may offer different charging rates. You can choose charging stations with different charging rates according to your needs.
- **Charging port type:** To ensure compatibility between the charging station and your electric vehicle, you can also filter based on the charging port type, such as CCS Combo2, Type2, etc.
- **Availability:** You can filter charging stations that are currently in operation or have available charging piles to ensure that the selected charging station can immediately provide service for your vehicle.



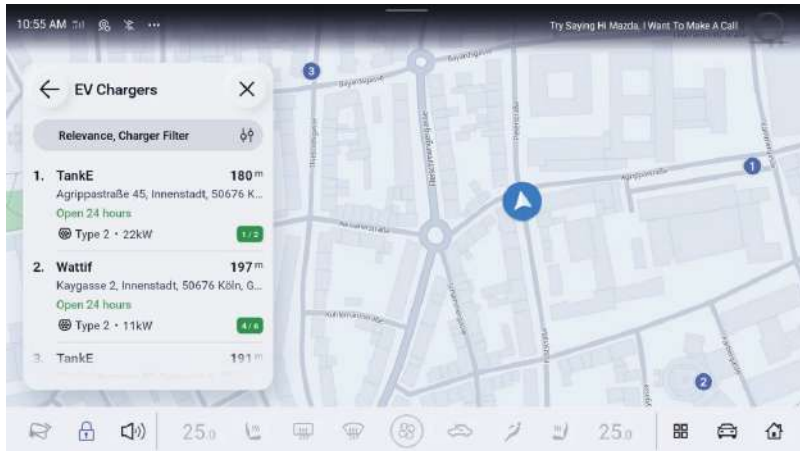
Filtering By Charging Station

3.5.3 Checking Detailed Information in the Search List

The charging station search function in the navigation system provides detailed charging station information, helping users make more informed charging decisions.

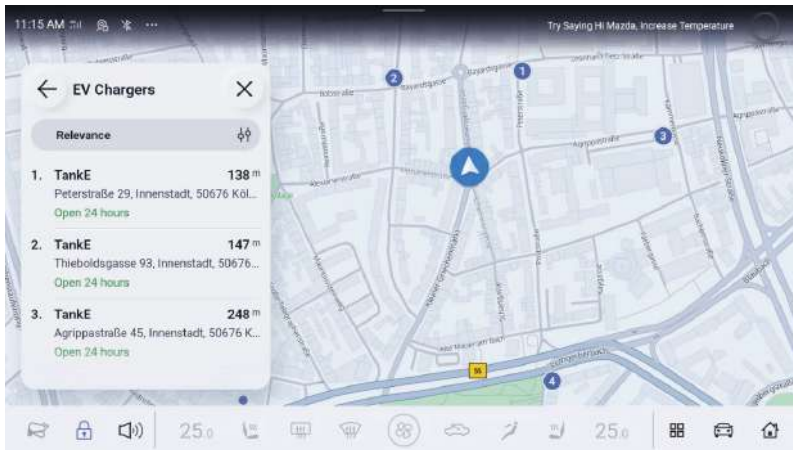
- **Dynamic Data Display:** When your device is connected to the internet and you have an active HERE data package, the navigation system displays real-time dynamic information provided by HERE. On the charging station details screen, you can view detailed information such as operating hours, total number of chargers, current available quantity, charging port type and charging rate. These data will be automatically updated

based on real-time feedback from HERE API, providing you with the latest usage information of charging stations. If charging stations are displayed on the map, the system will also indicate the availability of current chargers through colours: Green for sufficient available chargers; Orange for moderate availability; Red for limited availability. Through these dynamic information and visual prompts, you can more conveniently choose available charging stations and improve charging efficiency.



Dynamic Charging Station Search Results List

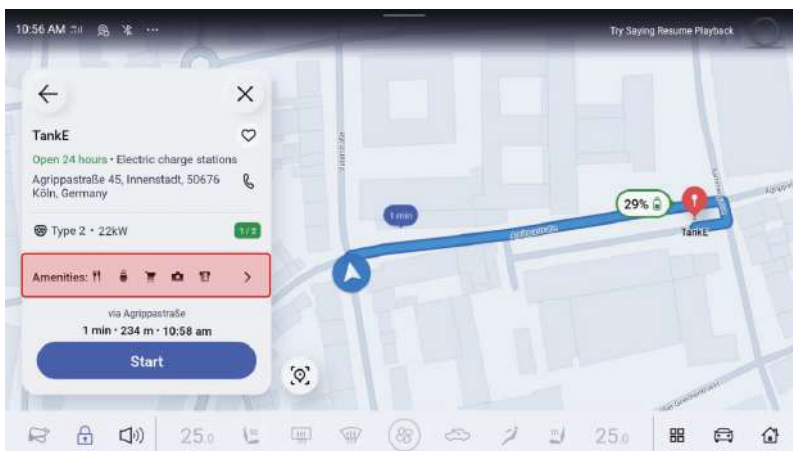
- **Static Data Display:** If you are offline or have not purchased the HERE data package, the system will display basic static data, including the names and address information of charging stations. Although this information is not as detailed as dynamic data, it can still help you find the location of charging stations.

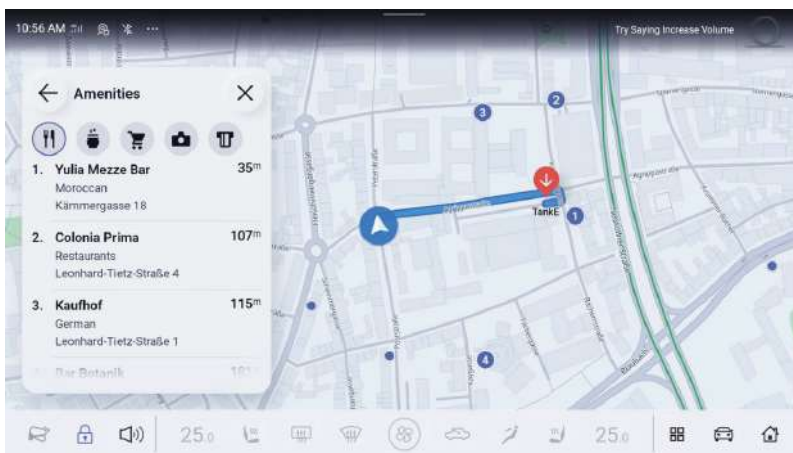


Static Charging Station Search Results List

3.5.4 Searching for Nearby Facilities Information for Use

When selecting a charging station, the navigation system allows you to filter for stations that offer nearby amenities such as restaurants, cafés or shopping centres. This feature is especially useful during long trips or urban charging, letting you enjoy additional services while waiting for your vehicle to charge. In addition, the nearby search function can also help you find the desired points of interest in the surrounding area.

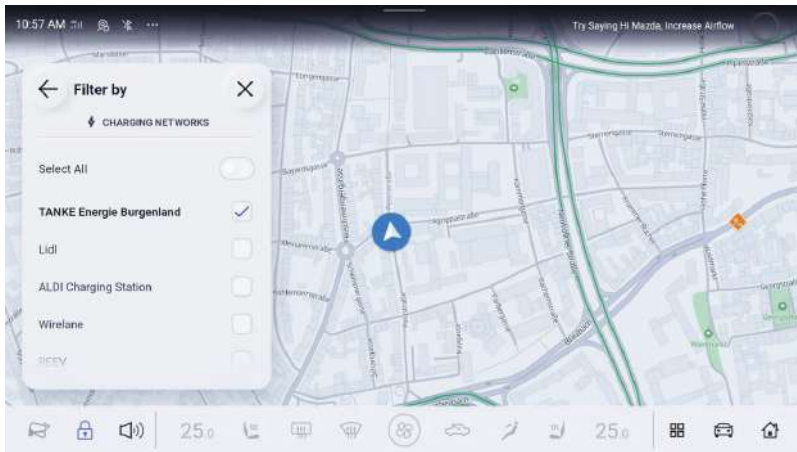




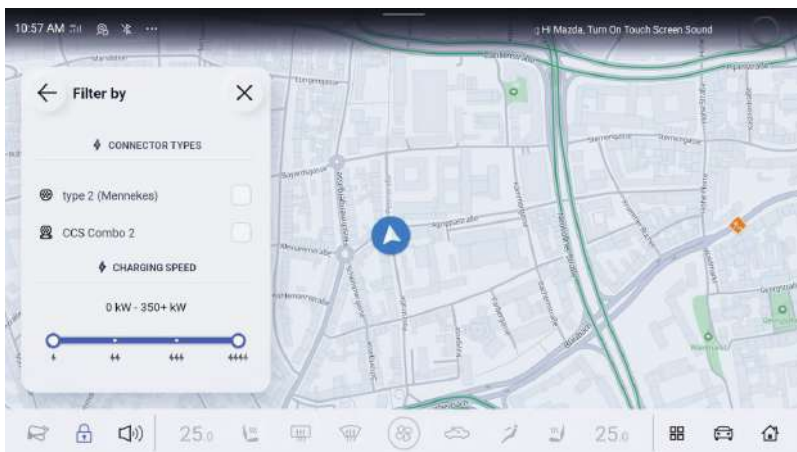
Charging Station Nearby Facilities Display

3.5.5 Search for Charging Stations by Charging Port Type or Networks

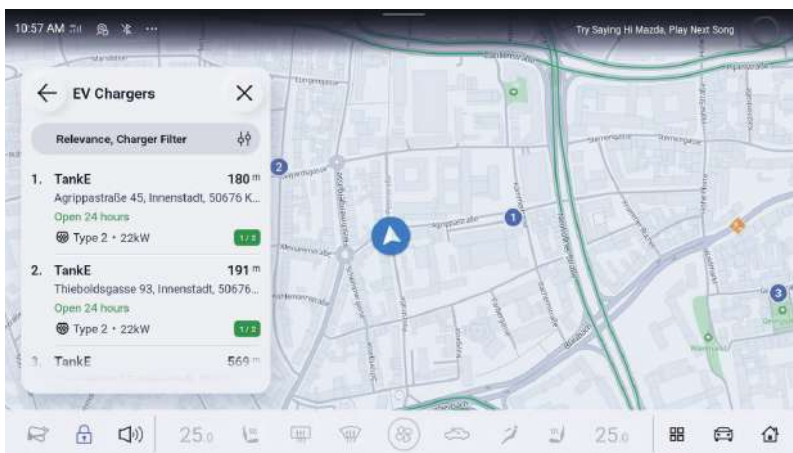
The navigation system allows you to filter charging stations based on the type of charging port or your preferred charging networks, enabling you to quickly locate compatible charging stations. This feature ensures that you can find charging points suitable for your vehicle, making the charging process easier and more convenient.



Filtering By Charging Networks



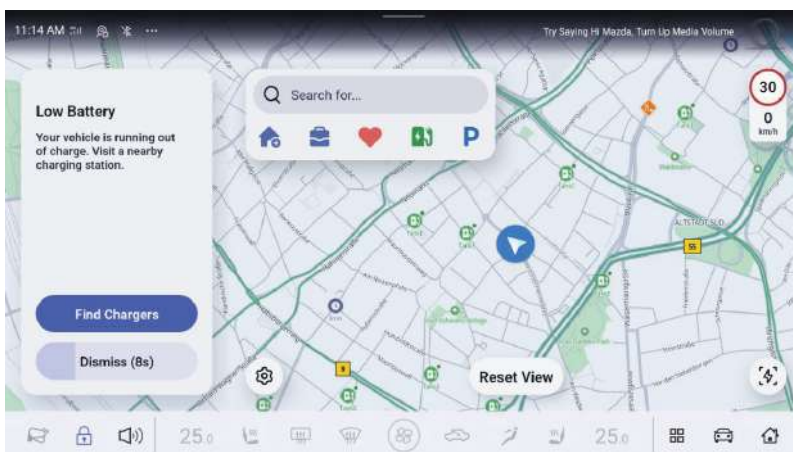
Filtering By Charging Port



Filtered Results

3.5.6 Charging Station Guide When Battery Is Low

When your vehicle's battery level is low, the navigation system will automatically issue a low battery warning and immediately recommend the nearest charging station to ensure that you can recharge in time.

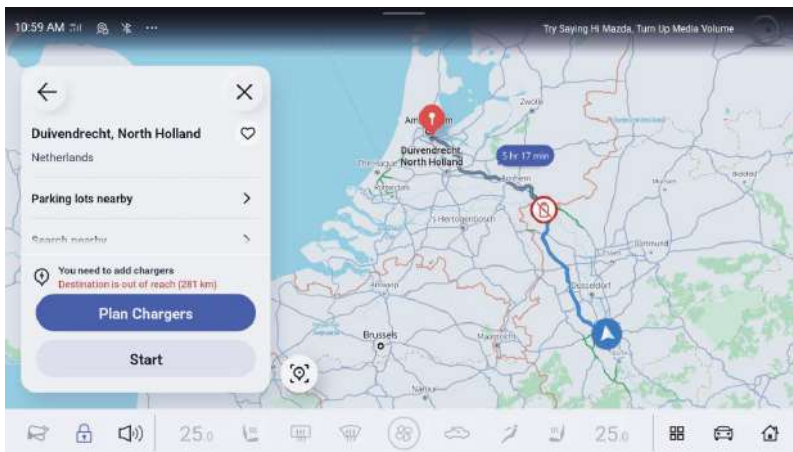


Low Battery Level Alarm

Additionally, when the vehicle is in a low battery state, nearby charging stations will automatically be displayed on the map, usually shown as a charging station icon. You can click to view the details of the charging station.

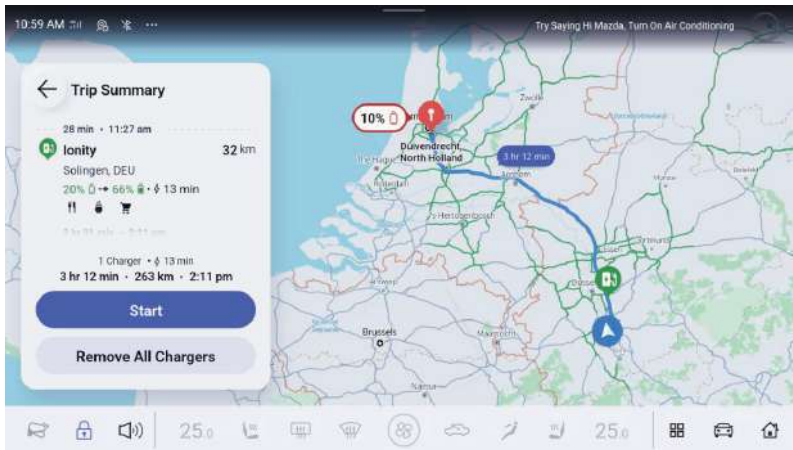
3.5.7 Intelligent Trip Planning

In the navigation settings, you can set the desired battery level when reaching your destination based on your personal level of range anxiety. When you search for a destination, the system automatically checks if the current battery level and your preference settings are sufficient to reach it. If the system detects that the current battery level is insufficient to reach the destination or would drop below your preferred target upon arrival, the system will automatically plan a charging route along the way based on the status of the "Automatically Add Charging Stations Along the Route" function, or prompt the user to confirm whether to generate a charging plan along the route.



Destination Reachability Check

In the route overview, you can view detailed information such as the recommended number of charging stations, recommended charging rates, and estimated charging time to help you plan your charging time reasonably and ensure a worry free journey.



Details of Intelligent Trip Planning

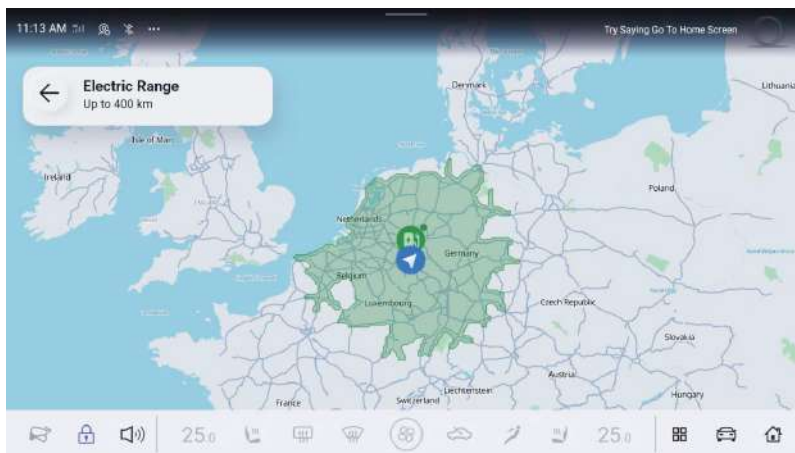
In addition, if previously reachable destinations become unreachable due to driving habits or other factors, the navigation system will dynamically monitor along the way. If it is recognized that the remaining battery is insufficient to reach the destination, the system will dynamically replan the route being navigated and prompt you whether to add charging stations along the way to ensure that you can complete the journey smoothly.



Reminder of Unreachable Destinations Along the Way

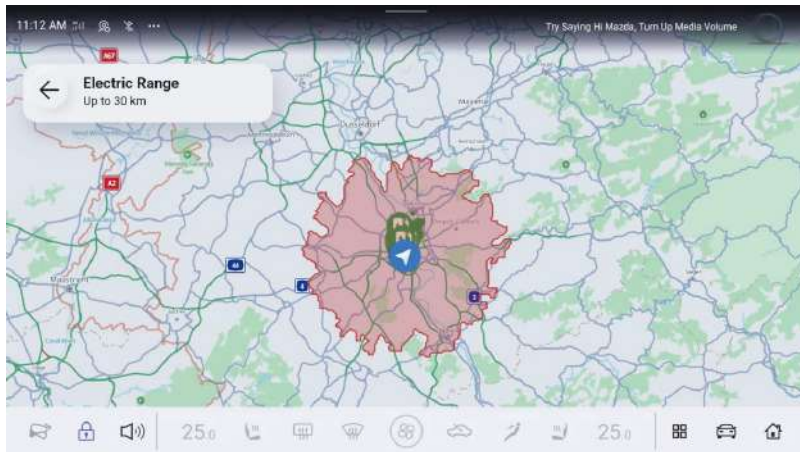
3.6 Maximum Driving Range Inspection

The navigation system offers a "Range on Map" feature that clearly shows the maximum distance your vehicle can travel with the current battery level. You can access the range prediction view from the navigation map screen to see the estimated area your vehicle can reach based on the current battery level.



The current maximum driving range is 60 km

Range Color Prompt: The system will display the estimated driving range based on your remaining battery level using different colours. When the remaining range equals 50 km, the entire drivable area will be displayed in green; when the remaining range is less than 50 km, the entire drivable area will be displayed in red.



The current maximum driving range is 40 km

4 Reference Guide

This guide provides comprehensive instructions for using the navigation system. It covers everything from basic operations to advanced features, ensuring you can fully utilize all the system's capabilities.

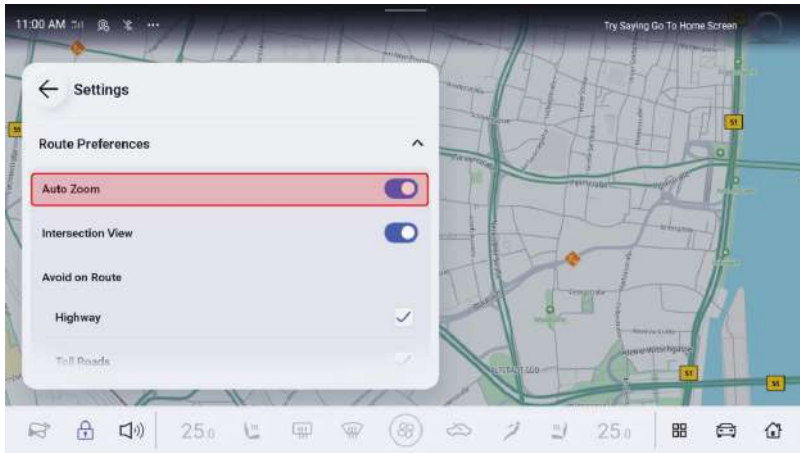
4.1 Overview

The navigation system is built on an advanced geographic information systems, integrating real-time traffic data and user preferences to deliver precise route planning and guidance. It is designed to offer an intuitive, easy-to-use, and highly responsive experience, helping you reach your destination safely and efficiently.

4.1.1 Auto Zoom

The Auto Zoom feature in the navigation system is designed to provide a smarter and more adaptive visual experience.

- **Smart Zoom In:** When your vehicle approaches a turn or encounters a complex intersection, the map automatically zooms in to give you a clearer view of the upcoming manoeuvre and driving instructions, helping you make more accurate decisions.
- **Smart Zoom Out:** If the next turn is a long distance away, the map view automatically zooms out to offer a wider perspective, allowing you to better understand the road ahead.
- **Custom Settings:** If you prefer manual control over the map zoom level, you can turn off the Auto Zoom feature. This allows you to adjust the map scale manually based on your personal preferences and driving needs.



Auto Zoom Settings

4.1.2 Route Calculation and Recalculation

The navigation system plans personalized routes based on your routing preferences, including the route calculation method and road types. During route calculation, the system considers historical traffic data to suggest the most efficient routes for specific days and times. Meanwhile, if real-time traffic information is available, current traffic conditions are also factored in to ensure your route remains accurate and up to date.

Additionally, the navigation system automatically recalculates your route if any of the following occurs: You deviate from the suggested route during your trip, or a new traffic event impacts the original route. This automatic recalculation ensures you quickly receive a new, optimized route whenever unexpected changes or traffic disruptions occur, helping you maintain a smooth and efficient journey.

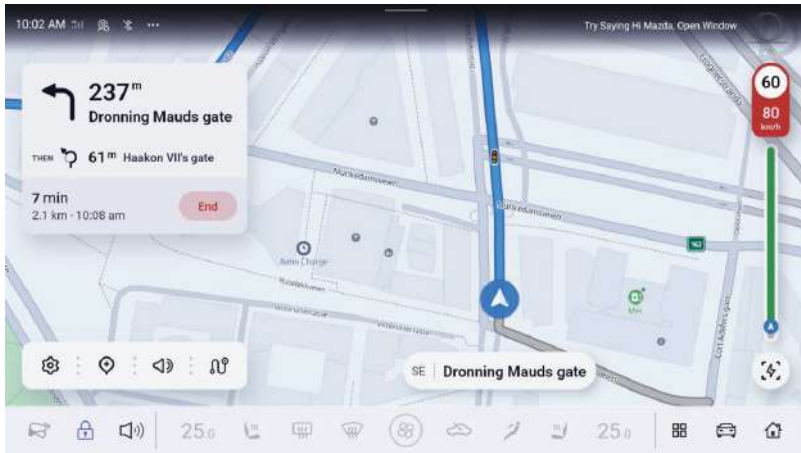


Better Route Available

4.1.3 Speed Limit Warning (Only Applicable in Some Countries and Regions)

The navigation system provides a comprehensive speed limit warning feature to help you stay within legal speed limits and drive safely.

- **Speed Limit Alert:** During navigation, the system continuously displays your current speed alongside the road's speed limit. If you exceed the speed limit, the speed indicator will turn red as a clear visual warning.



Overspeed Alert

- **Traffic Alert Information:** The system provides detailed traffic alerts on the map, including speed limits, speed cameras, and road safety information, ensuring you can respond promptly while driving.



Traffic Information Tips

- **Voice Broadcast:** The navigation system also supports providing TBT navigation information through voice broadcast, including speed limit and speed camera alerts, allowing you to focus more on driving.

Please note that these features may only be available in specific countries and regions, depending on local laws, regulations, and data availability.

4.1.4 Traffic Information in Route Planning (Available in Selected Countries and Regions)

When planning a route, the navigation system uses a flexible route calculation feature that optimizes your journey based on the current date and time, combined with historical traffic data. The recommended route takes into account average speeds and traffic patterns for specific times and days of the week, helping to predict traffic conditions and customize the best route for you.

In addition, the system uses real-time traffic information to help you avoid current traffic incidents, such as temporary road closures or congestion caused by accidents, ensuring a smoother journey. To view this traffic information, simply turn on the "Traffic Display" switch on the map. In 2D map view, different road colours will indicate traffic density based on the current time, giving you a clear overview of road conditions at a glance. When "All" is selected, the system will display the traffic information of all roads, including both clear and congested sections; When "Slow Traffic" is selected, only congested sections will be displayed, and clear sections (green) will not be displayed.

Please note that the availability of these features may vary depending on the country or region.

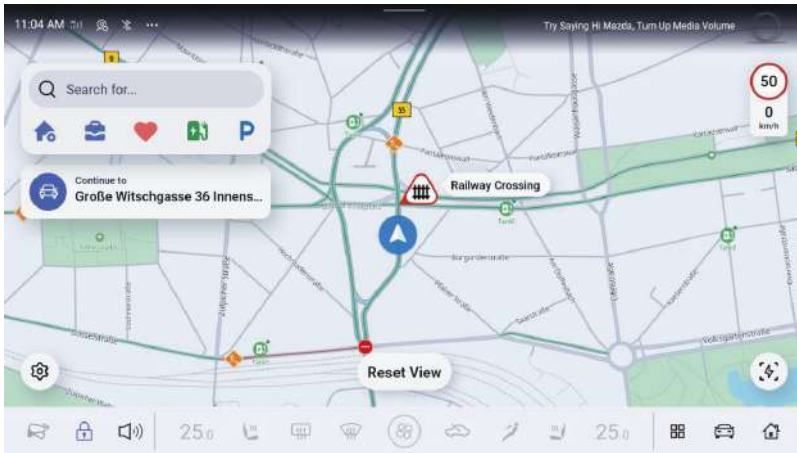
4.1.4.1 Historical Traffic Information

When planning a route, the navigation system incorporates historical traffic information into its algorithms. By analyzing historical traffic data for specific dates and times, the system can predict traffic conditions along your planned route. This predictive capability helps optimize routing by avoiding areas that are likely to experience congestion. In addition, the system continuously monitors real-time traffic conditions and dynamically adjusts the route based on the historical data, ensuring a smooth and efficient arrival at your destination.

4.1.4.2 Real-time Traffic Information (TMC)

The Traffic Message Channel (TMC) feature provides intuitive road condition information by marking affected road segments on the map with different colours and symbols. You can tap these symbols to view detailed information about the traffic events, including the type of incident and specific road

details. Based on this information, the system dynamically adjusts your route and automatically plans alternative paths to avoid congestion, ensuring you stay informed of the latest road conditions and make smarter driving decisions.



Traffic Information Feedback

4.1.4.3 Real-time Online Traffic Information

The real-time online traffic information service provides a convenient way to obtain the latest traffic conditions. This service allows you to view road segments currently experiencing traffic congestion on the map and stay informed about construction areas, lane closures, or other traffic events that may affect your journey.

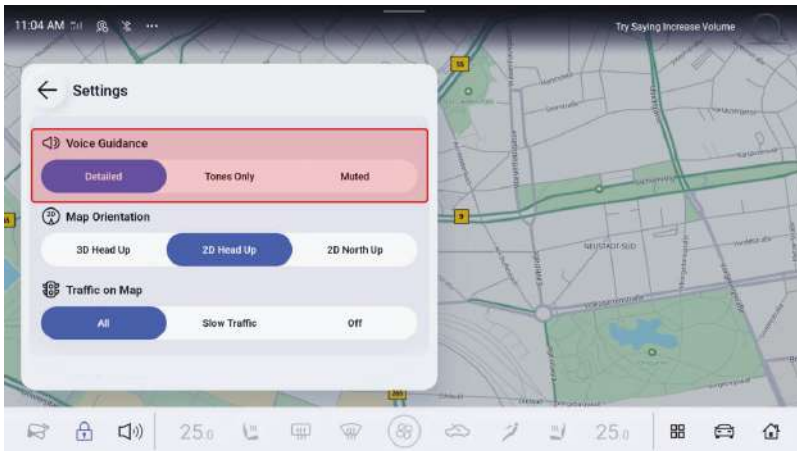
Through this service, the navigation system can update traffic information in real-time, helping you make timely driving decisions to avoid congested areas and choose smoother routes. Whether it's for daily commuting or long-distance travel, real-time online traffic information can provide you with valuable guidance to ensure your journey is as efficient as possible.

4.2 Settings

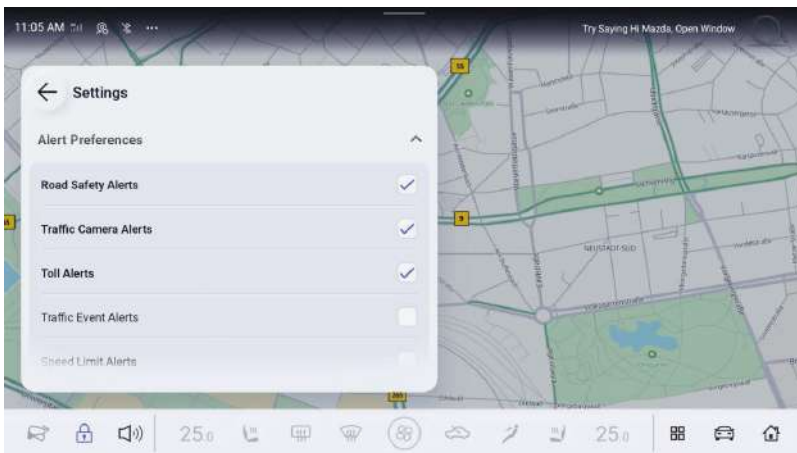
The navigation system offers a wide range of customization options, allowing you to adjust the navigation style to suit your personal preferences and needs.

4.2.1 Guidance Settings

- **Voice Guidance:** Allows you to switch between Detailed, Tones Only, and Muted.
- **Alert Preferences:** Allows you to choose the types of alerts you want to receive, such as Road Safety Alerts, Traffic Camera Alerts, Toll Gate Alerts, Traffic Event Alerts, etc.

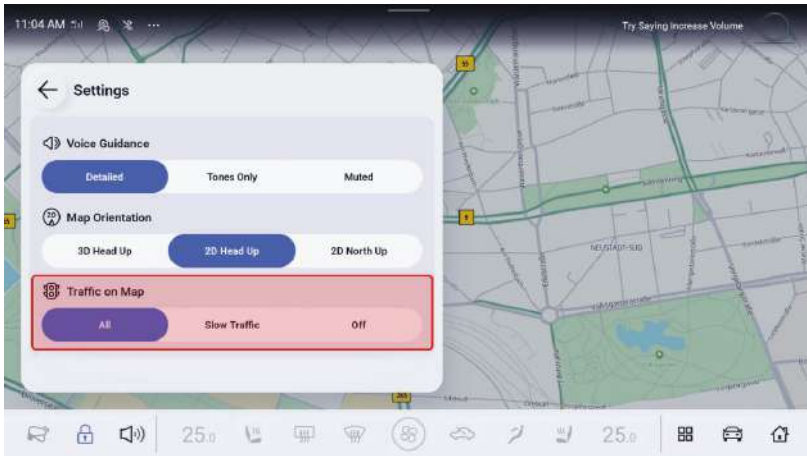


4.2.2 Warning Settings



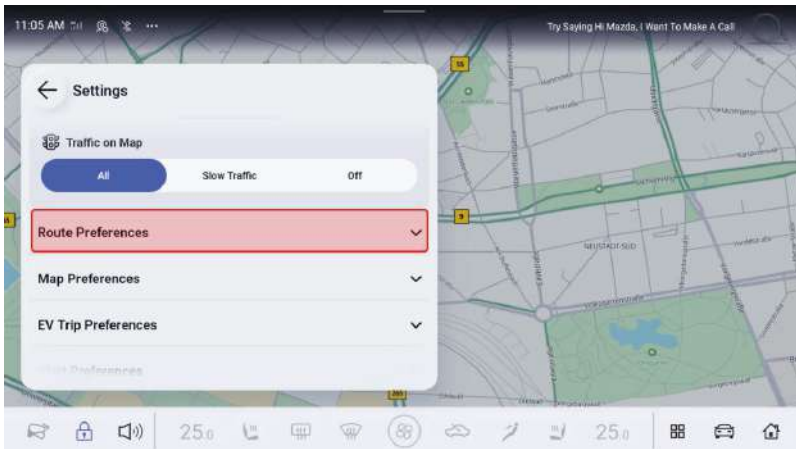
4.2.3 Traffic Settings

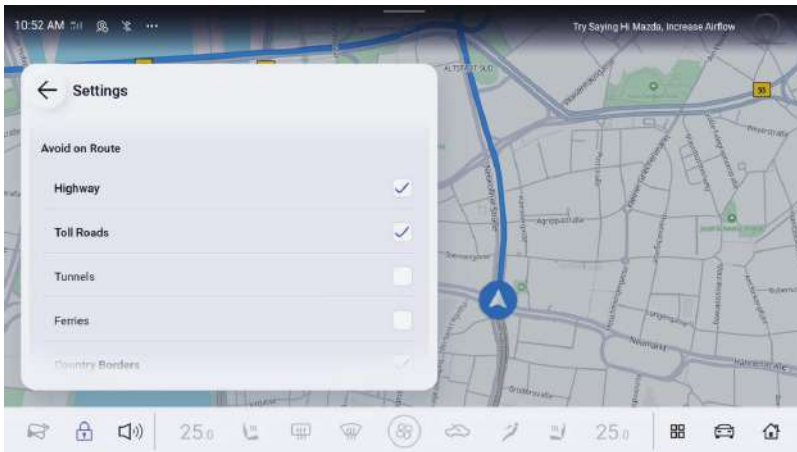
- Traffic on Map: Supports turning the real-time traffic condition display on or off or only displays congestion information.



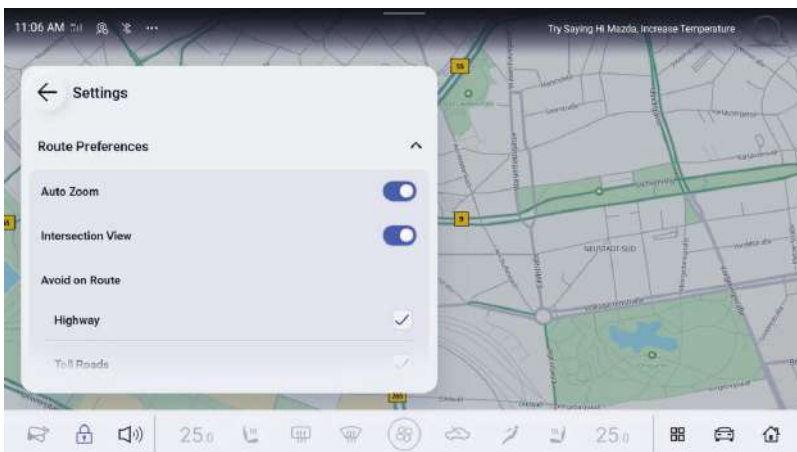
4.2.4 Route Settings

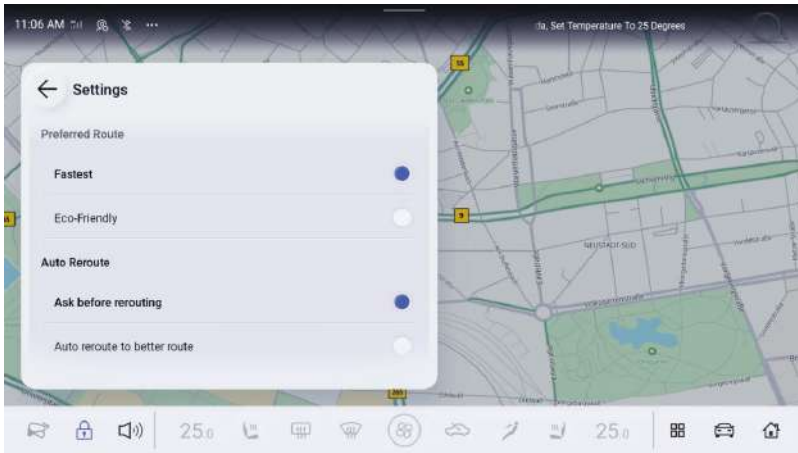
- Avoid on Route: Supports avoiding highways, toll roads, unpaved roads, tunnels, carpool lanes, country borders, and ferries.





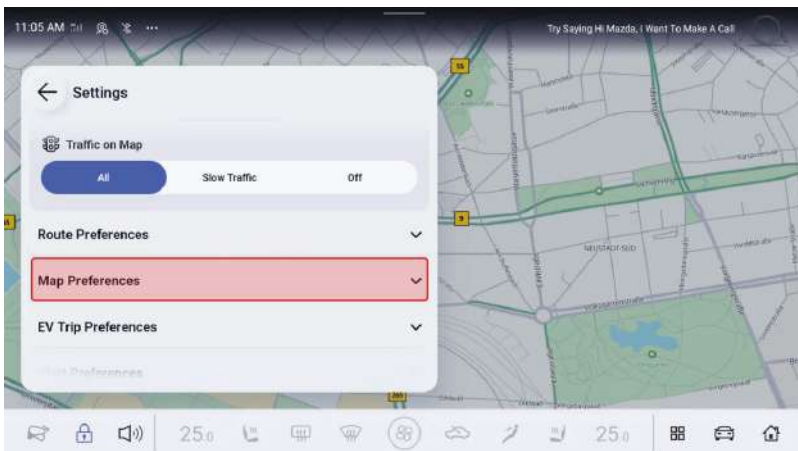
- Navigation preferences:
 - Whether to automatically enable Auto Zoom for automatic scale adjustment.
 - Whether to automatically enable Intersection View function.
 - Preferred Route: Fastest/Eco-friendly.
 - When encountering congestion, should the route be automatically changed or should user consent be obtained first before changing?

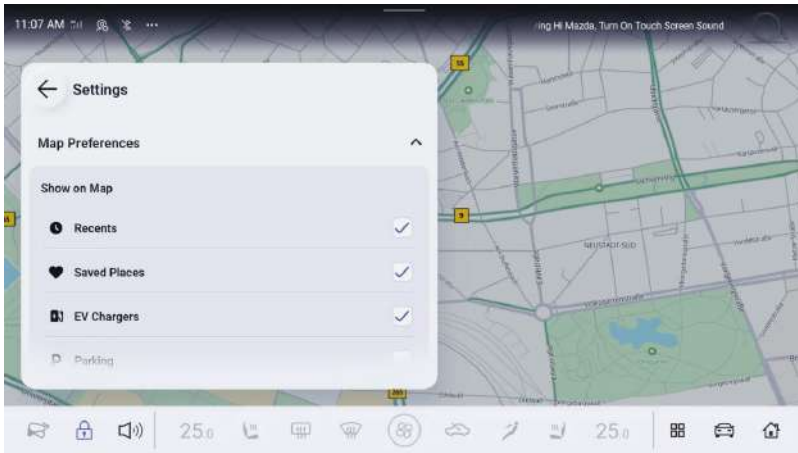




4.2.5 Map Settings

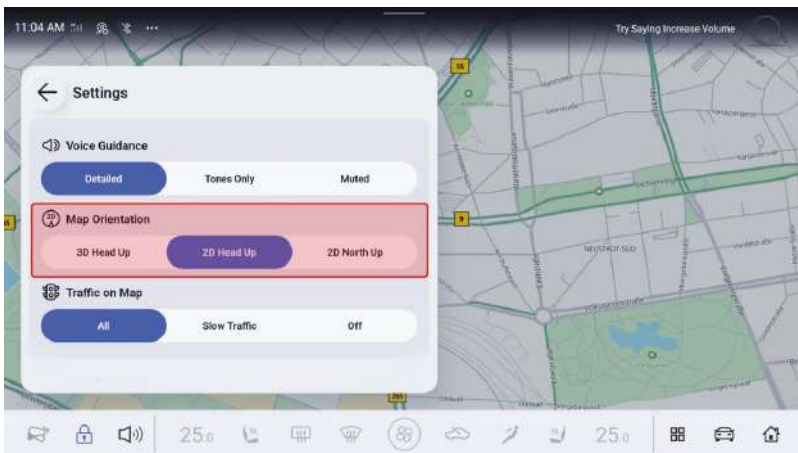
- Show on Map: Supports users in selecting common POI categories on the map screen, such as Recents, Saved Places, EV Chargers, Parking, Restaurants, Coffee, Shopping.

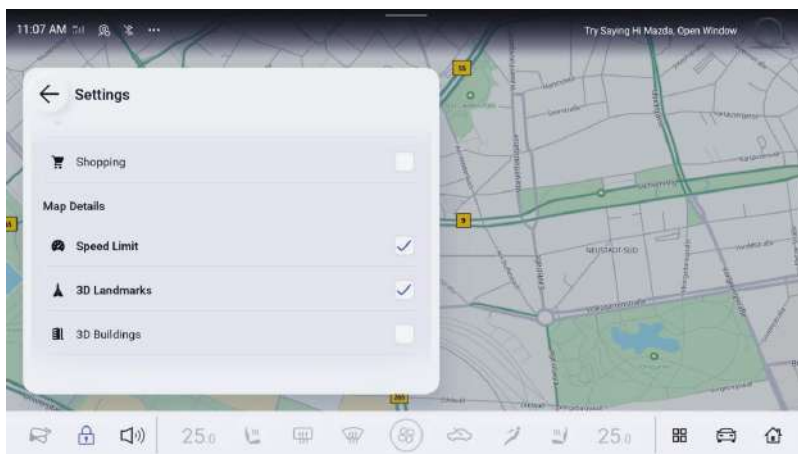




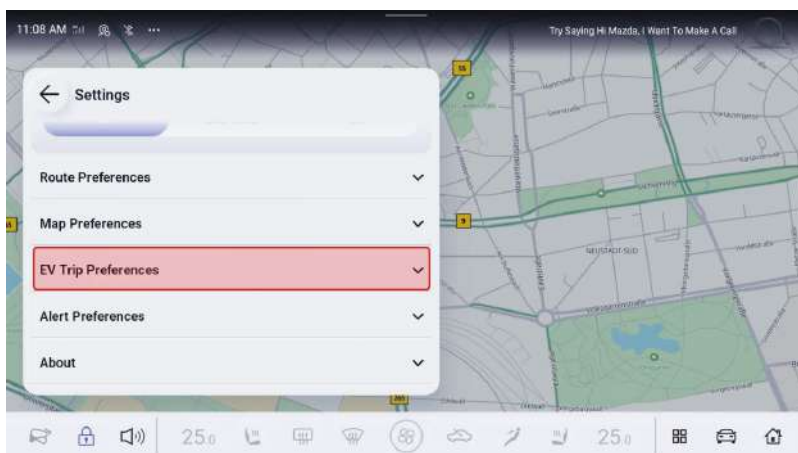
4.2.6 Visual Guidance Settings

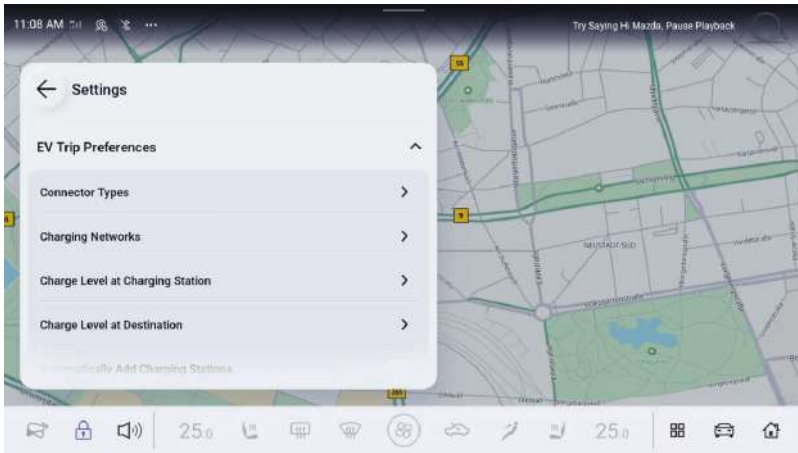
- Map View Modes: Support 2D North Up, 2D Head Up and 3D Head Up modes.
- Map Preferences:
 - Display switches that support 3D effects, such as 3D landmarks, 3D buildings.
 - You can also choose whether to display speed limit information on the map.



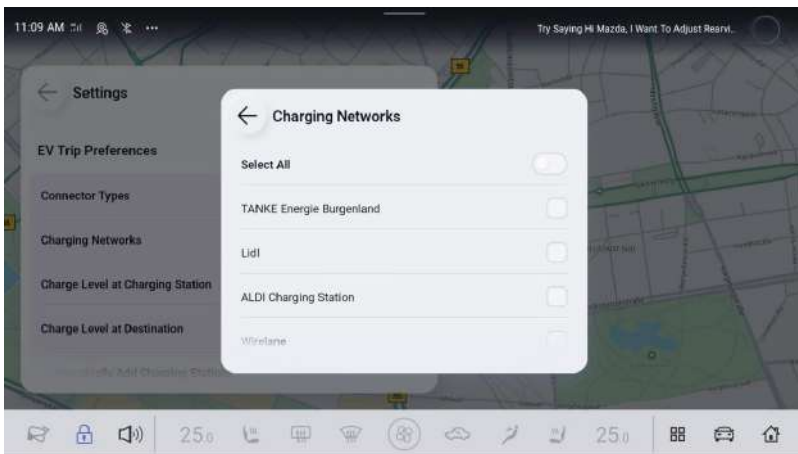


4.2.7 EV Trip Preference Settings

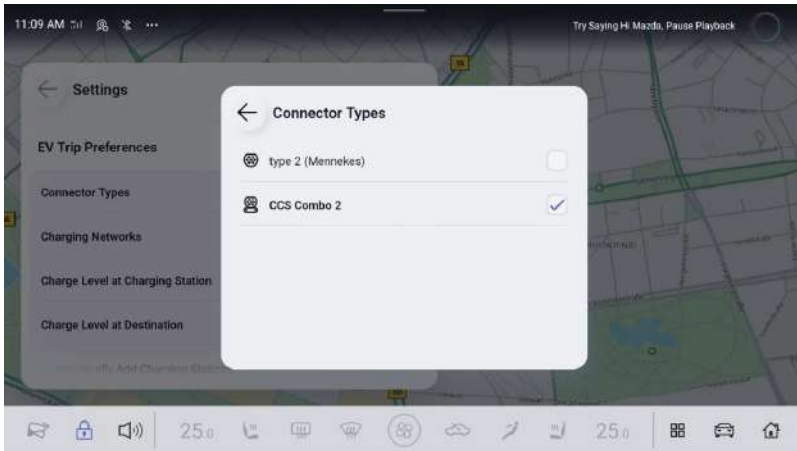




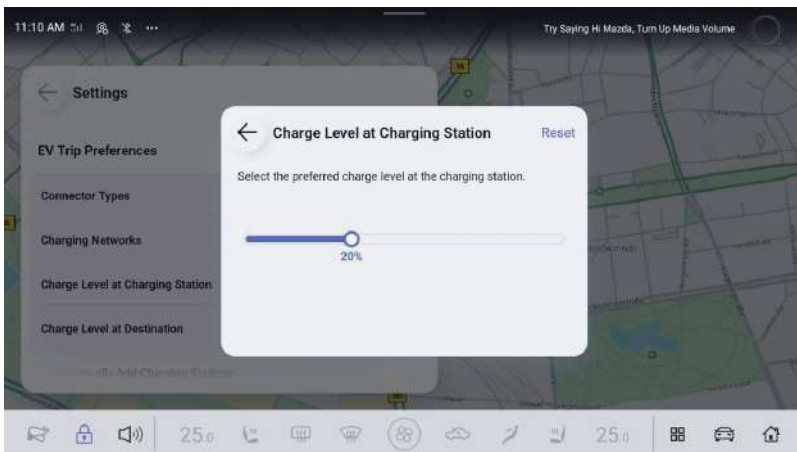
- **Charging Networks:** Support for choosing from numerous charging providers.



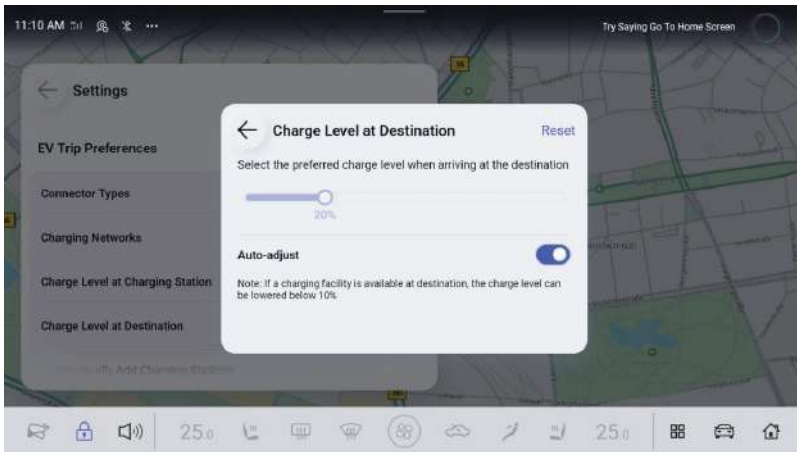
- **Connector Types:** You can select and match from various charging connector types compatible with vehicle model, such as CCS Combo2 and Type2.



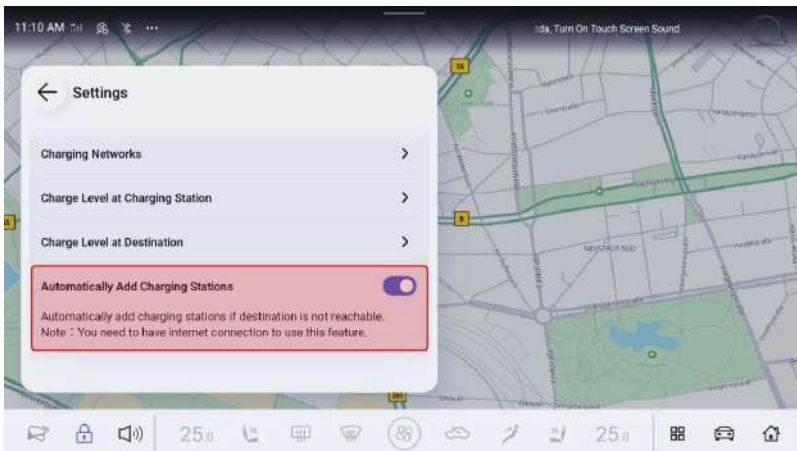
- Charge Level at Charging Station: Select the preferred charging level at charging station.



- Charge Level at Destination: Select the preferred charge level when arriving at the destination. Auto-adjust: When the switch is turned on, the navigation system will plan based on the best route rather than exactly following the remaining power value you have set, to ensure a safer and more efficient journey.

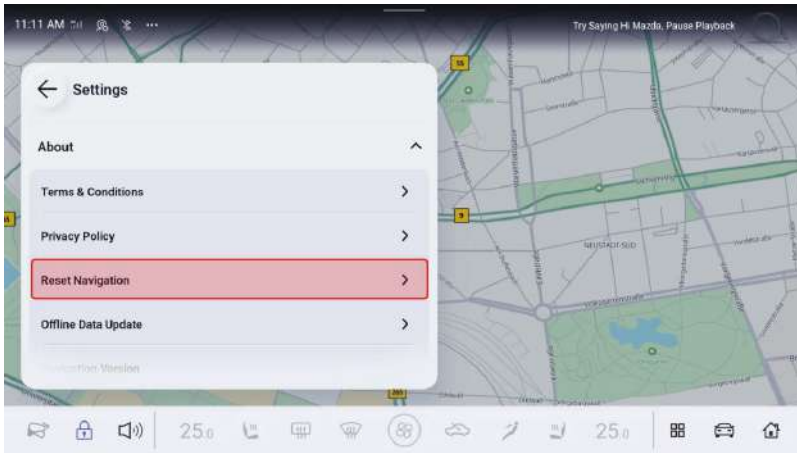


- **Automatically Add Charging Stations:** When the switch is turned on, if destination is not reachable with the current power, the system will automatically plan the route including charging stations along the way. You do not need to perform multiple confirmation steps. Note: You need to have Internet connection to use this feature.



4.2.8 Other Settings

- **Reset Navigation:** Click to restore navigation to factory settings with one click.

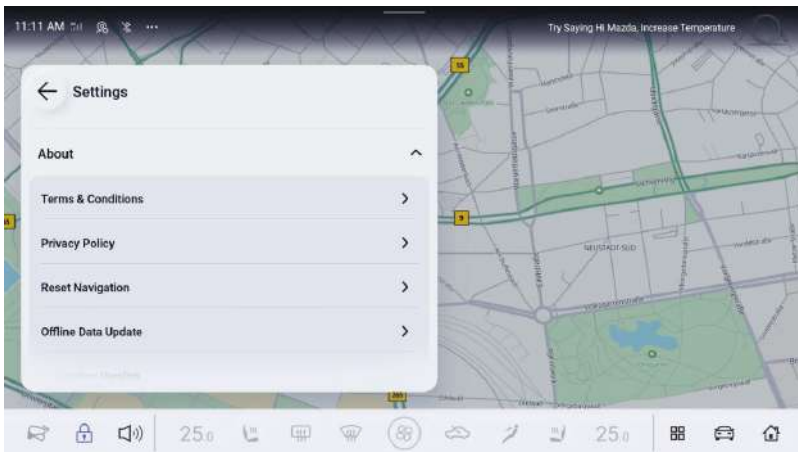
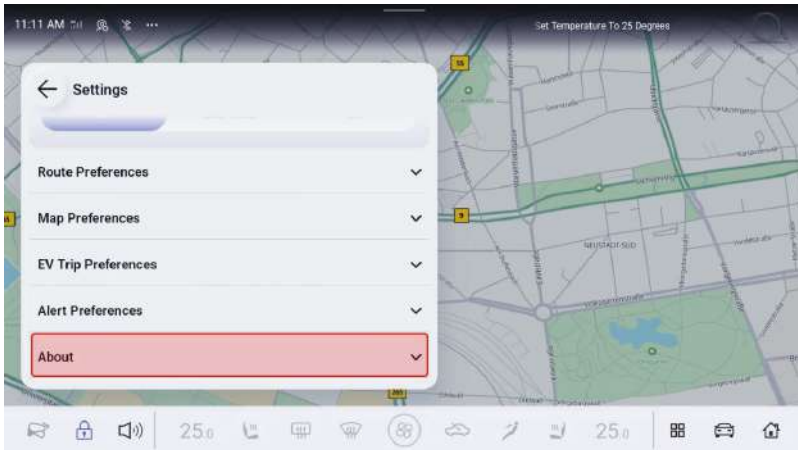


- About:

- Terms and Conditions: Support viewing the agreement content and withdrawal of authorization.
- Privacy Policy: Support reading the agreement content and withdrawal of authorization.
- Reset Navigation: Click to restore navigation to factory settings with one click.
- Offline Data Update: The system can detect whether the cloud map of the frequently active areas has the latest data. The data of the corresponding area can be downloaded for offline use. It is recommended to perform the operation when connecting to Wi-Fi.
- Navigation Version: The currently installed version of the navigation application.
- Offline Map Data Version: The offline map version information is pre-loaded in the head unit.
- Current Map Data Version: When connected to the Internet, the system automatically prioritizes obtaining and using the latest map data from the cloud; When there is no network, the onboard offline map data is used.
- Connected Services Expiration.

All connected services, including real-time map updates, real-time traffic information, real-time charging station and parking lot information, are provided during the service period. For navigation online

services outside the service period, please consult an authorized Mazda service station.



5 Glossary

5.1 Glossary of Map View

Main Map (Map View)

The main map display showing the road network, POIs, parks, green spaces, bodies of water, and buildings.

POI (Point-of-Interest)

A point-of-interest (POI) in navigation can be an entity located at a geographical position, such as a house, a shop, a charging station. In Telenav Navigation, for different categories of POI, it also offers aggregate search capabilities. You can search for a specific POI category to find a destination, such as searching for "coffee shop".

2D Mode (2D Head Up & 2D North Up)

In 2D mode, the map is displayed as a flat, two-dimensional view (pitch angle = 0). The Telenav Navigation supports 2D Head Up & 2D North Up. In which:

- 2D North Up: In 2D mode, the map is always oriented with North at the top, while the vehicle head direction can change.
- 2D Head Up: In 2D mode, the vehicle head always points upward, and the map does not fix north at the top and south at the bottom.

3D Mode (3D Head Up)

In 3D mode, the map is tilted (pitch angle > 0) to show a three-dimensional view, including buildings with 3D structures. Telenav Navigation supports 3D Head Up:

In 3D mode, the vehicle head always points upward. The function is same as 2D Head Up, but change from a 2D to 3D perspective.

CVP Vehicle Icon (Current Vehicle Position)

Vehicle icon, indicating the current vehicle position.

Recenter

Recenter the map view according to the current vehicle location, and restore the default map view center.

3D Building

Non-landmark buildings are only 3D modelled based on their shape and height, without actual texture rendering.

Real-time Traffic (Traffic Flow)

The display of congestion levels on a map is usually marked by red/yellow/green lines that rely on the road network. User can use switch in the setting to display traffic conditions.

Traffic Event

The traffic event information obtained from real-time traffic data is marked on the map, such as road closures ahead.

Ferry Line

Ferry routes are displayed as dashed lines across bodies of water on the map.

Current Road Label

The main map displays the current road name to help users understand the name of the road segment they are on and the speed limit information.

CVP Heading

It indicates the direction the vehicle is currently heading, displayed next to the current road name on the map.

5.2 Glossary Search

One-Box Search

Users can enter search keywords in the input box, and based on the input information, automatic suggestions will be provided. With a powerful search list, users can easily find their destination through a single search box, no matter where they are.

Category Search

Enables users to quickly find results that match the target category by selecting from commonly used POI categories after clicking the search box.

Nearby Search

Search for point-of-interest near a specified point-of-interest. For example, find the KFC next to Houston Airport.

Along Route Search

Telenav provides powerful along route search capability. While navigating, you can search for waypoints along your route by clicking the search button and using either One-Box Search or Category Search. Three search options are available: Along Route: Results located near your planned route; Nearby: Results near your vehicle's current location; Near Destination: Results near your destination.

Recent Search

Quickly access recently searched destinations by clicking the history list on the search panel for subsequent route planning and guidance.

Favourites Search

Quickly access user's favorite addresses by clicking the favorite on the search panel for subsequent route planning and guidance.

RGC Search

After panning the map, users can long-press a location to perform a search based on its latitude and longitude. The system retrieves reverse geocoding information, such as province, city, district names, city codes, and nearby POIs. Users can view this information and choose whether to start route planning and navigation from that point.

VR Search

The navigation system supports integration with a voice assistant, allowing users to perform voice search through interaction with the assistant.

5.3 Positioning Glossary

GNSS

Global Navigation Satellite System is a space-based radio navigation positioning system. It can provide users with 3D coordinates, velocity, and time information at any location on the Earth's surface or in near-Earth space, available around the clock. Well-known systems include GPS (USA), BeiDou (China), Galileo (EU), and others. A standalone GPS offers the advantage of low cost and mature technology, making it suitable for most application scenarios. However, its drawbacks include susceptibility to signal interference and lower positioning accuracy. It also struggles to provide location information in environments such as tunnels or underground car parks. As a result, standalone GPS is less commonly used in road tests.

GPS Drift

GPS Drift refers to the condition where the GPS-calculated position deviates significantly from the actual position, causing continuous offset route track that maintains a certain offset from the real route while in motion.

DR (Dead Reckoning)

DR means Dead Reckoning. In on-board navigation, Dead Reckoning calculates the position after a period of time by measuring the moving distance and orientation using the previously determined position. Dead Reckoning is affected by accumulated errors, which means that over time, the calculated position error will become larger and larger, and GNSS positioning corrections are required. Telenav's DR positioning engine uses a tightly coupled method, integrating inputs from the vehicle odometer, gyroscope, and accelerometer to achieve DR positioning. This position is then integrated with the map for map matching and feedback, ultimately providing high-frequency, low-error positioning output.

MM (Map Matching)

Map Matching is based on the assumption that a vehicle should be traveling on a road. Since raw GPS signals typically do not perfectly match the road network, it is necessary to select the road segment or path segment that best matches the signals and display the vehicle icon on it, this process is referred as map matching. Map Matching has two input sources: signals and road data. The output of Map Matching is location information, including latitude, longitude, heading angle and speed, etc.

5.4 Glossary of Navigation

Route Planning

A technology that determines a travel route based on the traveler's departure point and destination, using navigation electronic maps, road traffic information, and specific rules and algorithms. The Telenav defaults to suggesting the fastest route but allows users to choose alternatives.

Route Guidance

The process of providing turn-by-turn instructions via voice prompts, graphics, or text during navigation.

Active Guidance

AGV indicates the vehicle is in navigation mode. In this mode, the system plans a route and guides the vehicle toward a specified destination. The navigation system requires a route input that includes a starting point.

Inactive Guidance

IGV indicates that the vehicle is in cruise mode. Cruise mode is a road-network matching feature on the main screen that does not require a specific destination. The data input for cruise mode is the road-network, meaning that all roads in the data are visible to the cruise mode.

Deviation

Deviation refers to the behavior of the vehicle deviating from the currently planned route. For positioning, it means that the signal gradually moves away from the current path, and only when certain preset conditions are met (to prevent false deviation caused by signal drift), it is confirmed as a Deviation.

Resume Trip

Resume Trip refers to the mechanism that prompts whether to continue with the previous navigation when the map is reopened after an abnormal exit (such as a map restart or power failure) during the navigation process. The destination of navigation is the same as the previous navigation's destination, and the starting point is the current location. After clicking "Confirm", the system immediately enters navigation mode. After canceling, the navigation is terminated (the same as the navigation exit function).

Routing Update

Recalculation refers to the process where, after meeting general deviation conditions, the positioning system will notify the guidance (or TBT) module to replan the route, with the starting point being the latest position of the actual vehicle, in order to meet the user's actual positioning needs.

Dynamic Routing Guidance

During navigation, any better route discovered through road exploration ahead that affects the user and is noticed by the user is considered dynamic navigation. If the impact is significant, the system will ask the user or enforce the route change; if the impact is minor or the route cannot be changed, only a prompt is displayed.

Auto Zoom

Automatically adjusts the map zoom level during navigation to fit the screen and maximize the display of useful information.

TTS Broadcasting

Abbreviation for Text To Speech, which is part of human-machine interaction, enabling the machine to speak. Using speech synthesis technology, the instructions issued by the TBT during navigation are conveyed to the user via TTS broadcasting. For example: "Turn left in xx meters ahead".

Speed Limit Reminder / Average Speed Camera Zones

Average speed camera zones sets up two consecutive camera points on the same road segment. The principle is to calculate the vehicle's average speed across a segment based on the time it takes to pass the front and rear camera points. The system then determines whether the vehicle is speeding according to the speed limit for that segment.

ETA (Estimated Time of Arrival) / ETE (Estimated Time Enroute)

Estimated time of arrival / estimated time remaining

Traffic Bar

The traffic bar can display the road conditions ahead in navigation using colours, moving forward as the vehicle moves toward the destination. The design is simple and clear, allowing users to easily understand the traffic

situation at a glance.

Junction View

Primarily appears in complex bridge and elevated road scenarios. Modeled based on real scenes. Requires offline data. Currently, in overseas map data, junction view data is only provided for highway interchanges.

Lane Lines

The lane markings indicating the guiding direction are referred as lane lines. Highlighted lanes indicate recommended driving lanes. Dimmed lines indicate restricted or non-recommended lane for the upcoming route choice.

Proximity Action

When the distance between two navigation actions is short, TBT will create a proximity action announcement in this scenario to remind the user of the upcoming two consecutive actions.

Main Route

The currently active route followed during navigation, usually displayed in bright blue and styled as an earthworm line.

Road Signs

Displays information such as highway signs (e.g., E4) during navigation.

5.5 Other Glossaries

Multi-Screen Widgets

Small widgets make it convenient to view map-related information on the launcher page.

Multi-Screen Instrument Cluster

Generally refers to displaying maps, guidance, and other related information on the instrument cluster screen.

Multi-Screen HUD

Generally refers to displaying TBT guidance and other related information on the HUD.

6 End-User Terms

You can view the latest version of the end-user terms and privacy policy through the following link:

- End User Terms(Left-Hand Drive Model):<https://www.telenav.com/legal/terms-mazda-eu>
- End User Terms(Right-Hand Drive Model): <https://www.telenav.com/legal/tg2-eula>
- Privacy Policy: <https://www.telenav.com/legal/tg2-pp>

To facilitate understanding, we have provided translations in multiple languages. However, in the event of any inconsistency or conflict between the translated version and the English version, the English version shall prevail and serve as the final authority for interpretation.

Note: This manual is applicable to both left-hand drive and right-hand drive vehicles.

A Word to Mazda Owners

Thank you for choosing a Mazda. We at Mazda design and build vehicles with complete customer satisfaction in mind.

To help ensure enjoyable and trouble-free operation of your Mazda, read this manual carefully and follow its recommendations.

Our nationwide network of Mazda professionals is dedicated to providing you with the best possible service.

We assure you that all of us at Mazda have an ongoing interest in your motoring pleasure and in your full satisfaction with your Mazda product.

Mazda Motor Corporation

HIROSHIMA, JAPAN

Please be aware that this manual applies to all models, equipment and options. As a result, you may find some explanations for equipment not installed on your vehicle.

Note: Screen shots of display interface may differ from actual vehicle.

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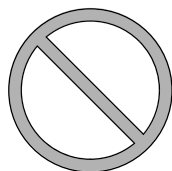
April 2026

How to Use This Manual

We want to help you get the most driving pleasure from your vehicle. Your owner's manual, when read from cover to cover, can do that in many ways.

Illustrations complement the words of the manual to best explain how to enjoy your Mazda. By reading your manual, you can find out about the features, important safety information, and driving under various road conditions.

The symbol below in this manual means “Do not do this” or “Do not let this happen” .



References to left hand and right hand are made as if facing in the same direction the vehicle faces. Although this manual explains a left-hand-drive model, it also applies to right-hand-drive models.

Index: A good place to start is the Index, an alphabetical listing of all information in your manual.

You'll find several WARNINGS, CAUTIONS, and NOTES in the manual.

WARNING

A WARNING indicates a situation in which serious injury or death could result if the warning is ignored.

CAUTION

A CAUTION indicates a situation in which bodily injury or damage to your vehicle, or both, could result if the caution is ignored.

Note

A NOTE provides information and sometimes suggests how to make better use of your vehicle.

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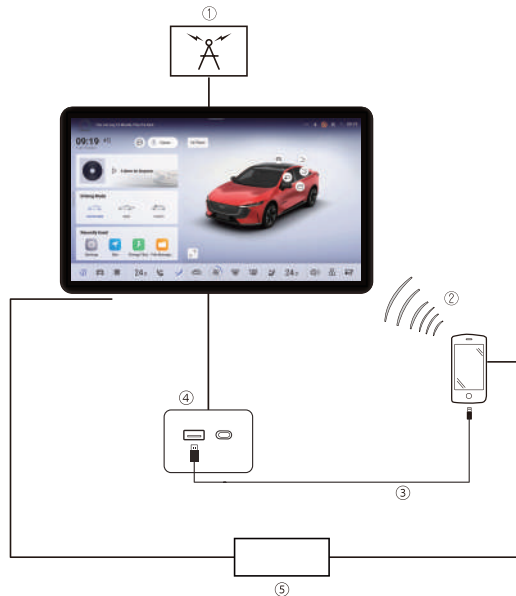
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What is Connected Service?

What is Connected Service?

▼What is Connected Service?



1. Radio
2. Bluetooth® Audio/Hands-Free Call/SMS (Short Message Service)/Wi-Fi/Apple CarPlay/Android Auto™
3. USB Video/USB Picture/USB Music
4. USB port
5. In-vehicle intelligent application platform

What is Connected Service?

Note

- There are two USB ports, only the Type A port supports USB/Apple CarPlay/Android Auto™ data transfer, and the Type C only supports phone charging.

Overview

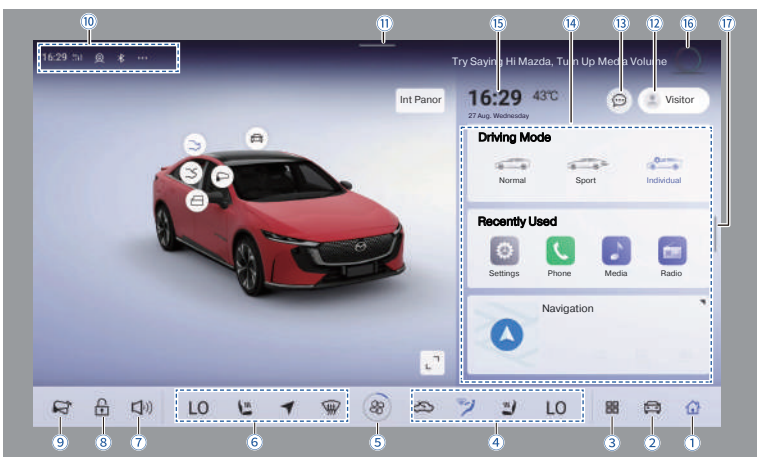
What is Connected Service?

After the Centre Display is activated, the home interface displays the following information:

(Left-Hand Drive Model)



(Right-Hand Drive Model)



1. HOME: Tap to return to the home screen from any interface.
2. Vehicle Centre: Includes vehicle settings and system settings functions.
3. Application Centre: Tap to enter the application centre.

What is Connected Service?

4. Climate control functions include: Driver's temperature adjustment, Driver's Seat Heating Control, Driver's Seat Ventilation Control, Airflow Mode selection, Air Intake Mode
5. Fully Automatic Climate Control Button: A short press can enable or disable the fully automatic climate control page; a long press of the button can activate or deactivate the fully automatic climate control function.
6. Interior fully automatic climate control adjustment, including: front defroster button, rear defroster button (including external rear-view mirror heating), heated front seat button/front seat ventilation button, front passenger temperature adjustment.
7. Volume adjustment button, including music sound, navigation sound, and phone sound adjustment.
8. Rear Touchscreen Lock: Tap to lock the rear touchscreen.
9. Rear-view Mirror Folding Button: Tap to fold/unfold the exterior rear-view mirror.
10. Top Status Bar: Display in-cabin and outside air quality, time, mobile data status, Wi-Fi connection status, Front passenger seat airbag deactivation icon status, Personal hotspot status, GPS signal status, Bluetooth connection status, Mobile phone battery level, Wireless charging status, and Camera activation status.
11. Application Centre: Swipe down with one finger to enter the application centre.
12. User Account Login: Display the currently logged-in vehicle system account. Tap to access the vehicle system account application.
13. Message Centre: Display the number of unread messages, tap to enter the message centre.

What is Connected Service?

14. Application Cards: Includes music shortcut card, phone shortcut card, scene mode shortcut card, and recently used shortcut card. Tap the edit icon to add shortcut cards for other applications.
15. Time and Temperature: Display the current month, day, week, time, and the temperature of the day.
16. Voice Recognition: The area where the image and voice dialogue of the voice recognition are displayed.
17. Control Centre: To open it, perform a one-finger swipe gesture starting from the very edge of the screen.
 - For Left-Hand Drive models: Swipe inwards from the right edge of the screen.
 - For Right-Hand Drive models: Swipe inwards from the left edge of the screen.



Always adjust Connected Service while the vehicle is stopped:

Do not operate the centre display while driving the car. Operating Connected Service while driving the vehicle is dangerous as it could distract your attention from the vehicle operation which could lead to a serious accident.

When using the control switch on the steering wheel, you should learn to use the switches without looking down at them so that you can keep your maximum attention on the road while driving the vehicle.

Do not adjust a mobile device or a similar product while driving the vehicle:

Adjusting a mobile device or a similar product while driving the vehicle is dangerous as it could distract your attention from the vehicle operation which could lead to a serious accident. Always adjust a mobile device or a similar product while the vehicle is stopped.

What is Connected Service?

For the purposes of safe driving, adjust the audio volume to a level that allows you to hear sounds outside of the vehicle including car horns and particularly emergency vehicle sirens.

Note

- Do not use Connected Service for a long time with the EV system stopped. Otherwise, the lead-acid battery power could be depleted.
- If a mobile phone or CB radio is used in or near the vehicle, it could cause noise to occur from the audio system. However, this does not indicate a problem.

Note

When using services such as online navigation and voice control, please complete the following two steps in the Mobile App APP in advance:

- Connect with the vehicle, refer to the "To Start Connected Service" section for details (Page 3-15).
- Scan the QR code to log in to your account when the vehicle's display is powered on, and select the network mode to complete the functionality authorisation. If the above two steps are not completed, only offline services such as offline voice control and offline navigation will be available, and some online functions will be unavailable.

Basic Operation of the Connected Service

▼ Basic Operations

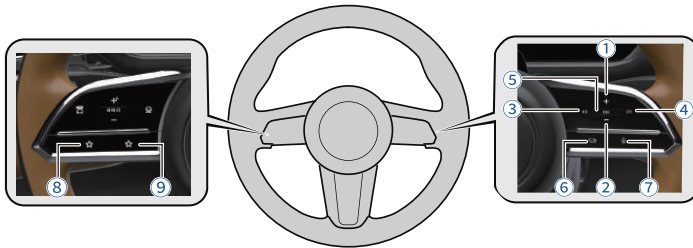
Note

The explanation of functions described in this manual may differ from the actual operation, and the shapes of screens and buttons and the letters and characters displayed may also differ from the actual appearance.

Additionally, depending on future software updates, the content may successively change without notice.

▼ **Basic Operation of the Connected Service**

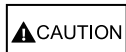
The Connected Service switch is on the right side of the steering wheel. You can operate basic audio functions, pick up/hang up the phone, or activate voice control using the switch.



1.  : Increase volume.
2.  : Short press - Decrease Volume/Long Press - Mute.
3.  : Previous Track/ Hang up.
4.  : Next Track/Pick up.
5.  : Play/Pause.
6.  : Switch to driving information display on the instrument cluster.
7.  : Voice recognition.
8.  : Custom function switch 1.
9.  : Custom function switch 2.

Basic Operations

▼Touch Panel Operation



Do not press the screen forcefully or use sharp objects to touch the screen, as this may cause damage.

Note

For safety reasons, operation of the centre display is disabled while the vehicle is being driven. However, items not displayed in grey can be operated using the commander icon while the vehicle is being driven.

- Touch & tap: Touch or lightly tap the item indicated on the screen with your finger.
- Slide: Touch the slider bar of the item with your finger and move it to the desired level.
- Swipe: Touch the screen with your finger and move up or down.

▼Quick Access Bar Operation

1.Swipe down to open the App Centre and tap Edit. The icons of functions that can be replaced in the quick access bar will begin to jiggle.

2.Drag the desired setting function button to the area with the jiggling icons below. Then tap Done to complete the replacement. Both local apps and vehicle settings within the App Centre can be configured in the quick access bar.

▼Appendix

Apple CarPlay



- YOU EXPRESSLY ACKNOWLEDGE AND AGREE THAT USE OF APPLE CARPLAY (“THE APPLICATION”) IS AT YOUR SOLE RISK AND THAT THE ENTIRE RISK AS TO SATISFACTORY QUALITY, PERFORMANCE, ACCURACY AND EFFORT IS WITH YOU TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, AND THAT THE APPLICATION AND INFORMATION ON THE APPLICATION IS PROVIDED “AS IS” AND “AS AVAILABLE” , WITH ALL FAULTS AND WITHOUT WARRANTY OF ANY KIND, AND MAZDA HEREBY DISCLAIMS ALL WARRANTIES AND CONDITIONS WITH RESPECT TO THE APPLICATION AND INFORMATION ON THE APPLICATION, EITHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES AND/OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, FITNESS FOR A PARTICULAR PURPOSE, ACCURACY, QUIET ENJOYMENT, AND NON-INFRINGEMENT OF THIRD PARTY RIGHTS.

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Basic Operations

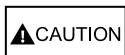
DAMAGES OR LOSSES, ARISING OUT OF OR RELATED TO THE APPLICATION OR YOUR USE OF OR INABILITY TO USE THE APPLICATION OR INFORMATION ON THE APPLICATION.

- When using Apple CarPlay, please avoid distraction and use Apple CarPlay responsibly.
Stay fully aware of driving conditions and always obey applicable laws.

Note

- Apple CarPlay is provided by Apple® and its use is subject to your agreement to the Apple CarPlay terms of use, which are included as part of the Apple iOS terms of use.
- When using Apple CarPlay, location, speed, and other vehicle data is transferred to your iPhone®. For further details, refer to Apple®'s Privacy Policy.

Android Auto™



- YOU EXPRESSLY ACKNOWLEDGE AND AGREE THAT USE OF ANDROID AUTO™ (“THE APPLICATION”) IS AT YOUR SOLE RISK AND THAT THE ENTIRE RISK AS TO SATISFACTORY QUALITY, PERFORMANCE, ACCURACY AND EFFORT IS WITH YOU TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, AND THAT THE APPLICATION AND INFORMATION ON THE APPLICATION IS PROVIDED “AS IS” AND “AS AVAILABLE,” WITH ALL FAULTS AND WITHOUT WARRANTY OF ANY KIND, AND MAZDA HEREBY DISCLAIMS ALL WARRANTIES AND CONDITIONS WITH RESPECT TO THE APPLICATION AND INFORMATION ON THE APPLICATION, EITHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES AND/OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, FITNESS FOR A PARTICULAR PURPOSE, ACCURACY, QUIET ENJOYMENT, AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.
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- When using Android Auto™, please avoid distraction and use Android Auto™ responsibly.
Stay fully aware of driving conditions and always obey applicable laws.

Note

- Android Auto™ is provided by Google and its use is subject to your agreement to the Android Auto™ terms of use.
- When using Android Auto™, location, speed, and other vehicle data is transferred to your smart phone. For further details, refer to Google Privacy Policy.

Trademark

- iPhone®, iPod® touch, iPod® nano, Siri® and Lightning® are trademarks of Apple Inc., registered in the U.S. and other countries.
- Apple CarPlay is a trademark of Apple Inc.
- Use of the Apple CarPlay logo means that a vehicle user interface meets Apple performance standards. Apple is not responsible for the operation of this vehicle or its compliance with safety and regulatory standards. Please note that the use of this product with iPhone®, iPod® may affect wireless performance.
- iOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.

Basic Operations

- “Made for iPhone®” and “Made for iPod®” mean that an accessory has been designed to connect specifically to iPhone® or iPod®, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPhone® or iPod® may affect wireless performance.

Apple CarPlay is applicable to iPhone® 6S and later models, and only supports mobile iOS14 and later software versions.



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User Account

▼ User Account

Tap the "Visitor landing" icon at the top to enter the User Account interface:
Enter the vehicle account management interface, you can manage the non-owner account and log out settings.



- The account management rights belong to the owner. You can view the User Agreement and Privacy Policy at any time. If you need to clear data stored on the vehicle system, please do so through the Settings menu. To clear platform-stored data, please visit an authorized dealer with valid identification documents for verification and processing.

OTA Update

▼OTA Update

This vehicle can update its software via wireless connection, providing your car with the latest features throughout its lifecycle.

Users can check for the latest software version information by tapping the centre display and navigating to "My Vehicle" → "Vehicle Software Version Update". After the check is complete, the version update information and subsequent installation steps will be displayed for you. After you confirm the installation information, you can choose whether or not to proceed with the installation.

1. Update immediately
Tap "Update Now" to begin the installation process. Please ensure the vehicle is in Park mode and the powertrain is not operational. The vehicle may restart multiple times during the Update process. Please refrain from using the vehicle until the Update is complete.
2. Scheduled Upgrade
Tap 'Scheduled Upgrade', set the Update time, and the vehicle will undergo an OTA Update at the scheduled time.
3. Vehicle Lock Update
Tap "Vehicle Lock Update" to trigger an OTA Update once the vehicle is locked and enters the armed state.

Note

- Before upgrading, please ensure the vehicle is in Park (P) mode and the powertrain is not operational, otherwise the OTA Update cannot be performed.

CAUTION

- OTA Update Process: Software packages are downloaded in the background without interrupting the user experience. Installation requires user confirmation by tapping on the vehicle's display.
- The current software Update details will be displayed on the vehicle's infotainment system, and users can also inquire about the Update announcements for each version at the dealership.
- During the OTA Update process, if an interruption occurs, the original software version's functionality will remain unaffected. OTA Update can be restarted via the menu.
- If you encounter any issues during the OTA Update process, please contact your nearest dealer. We will provide you with the appropriate cooperation and assistance within a reasonable scope.

Information

Energy Flow

▼Energy Flow

Swipe down with one finger to enter the application centre, then tap the "Energy Flow" icon to access the interface.

On the current interface, you can see the vehicle status (charging status, range, battery level and the battery health status).

The percentage of SOCE represents the percentage of remaining life of high-voltage batteries.

Radio

▼Radio

Swipe down with one finger to enter the application centre, then tap the "Radio" icon to access the radio interface.

In the Radio interface, you can select different FM/DAB channels.

▼FM

Tap the Radio icon to access the FM radio station interface.

The FM interface will automatically search for available channels.

You can select and play the current radio station through the centre display. Tap the station to open the playback screen.

- Tap the buttons on the left side of the interface to select RDS Settings, Favourites, Play previous/next channel, play/pause and replay the current channel.
- Swipe up and down the right side of the interface to select a radio channel.

Note

Channel List may not be displayed depending on the region.

▼DAB

Slide the centre display to open the DAB interface.

Enter the DAB interface to automatically search for available channels. You can switch between channels of different frequencies by tapping the interface.

The operation of DAB radio is the same as that of FM radio.

Note

Some channels may not be displayed depending on the region.

Entertainment

▼ Favourites

Tap the Favourites  icon behind the FM/DAB channel to favorite the current channel.

Note

- You can save up to 20 channels, if the number of collections reaches the limit, click Favourites, a message will be displayed indicating that the channel collection is full.

Display the Favourites list of the FM/DAB radio.

The list of radio channels saved to your favourites is displayed, allowing you to select the channel you want to listen to. If no channels are saved as favourites, an empty list is displayed.

Music

▼ Music

Swipe down with one finger to enter the application centre, then tap the "Music" icon to access the music interface.

In the Music interface, you can select and play either Local Music or Bluetooth® Music.

▼ Local Music

Before playing local music, please ensure that the USB device is correctly inserted and contains available music files.

While music is playing, you can switch tracks or pause playback using the icon on the playback interface or the steering wheel shortcut switches.

▼ Bluetooth® Music

Before playing Bluetooth® music, ensure that your mobile phone is connected to the vehicle's audio system via Bluetooth® and that the mobile device is actively playing music.

While music is playing, you can switch tracks or pause playback using the icon on the playback interface or the steering wheel shortcut switches.

Entertainment

Phone

▼ Bluetooth® Hands-Free

When a Bluetooth® mobile device is connected to the vehicle's hands-free system via wireless radio signals, you can make or receive calls using the steering wheel buttons or by operating the centre display.

Note

- Park the vehicle in a safe place and perform pairing.
- The communication range of a Bluetooth® device is about 10 meters or shorter.
- Some Bluetooth® mobile devices are not compatible with the vehicle. Consult an expert repairer (we recommend an Authorised Mazda Repairer).

Recommended Bluetooth® Version

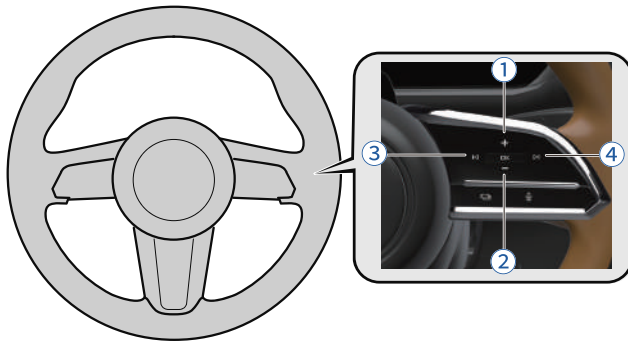
Bluetooth® Ver. 4.2

Component Parts

Centre Display

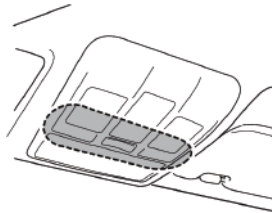


Volume adjustment switch



1. Volume Adjustment switch+
2. Volume adjustment switch—
3. Hang-up switch
4. Pick-up switch

Microphone (Hands-free)



The microphone is used for inputting a voice command or making a hands-free call.

Note

If the volume is low compared to other audio modes, use your phone to increase the volume.

Entertainment

▼ Phone

Swipe down with one finger to open the application centre, then tap the "Phone" icon to access the Phone interface.

Note

- Before using the Phone, ensure that the Bluetooth® functions of both the system and the mobile phone are properly activated and in a connected state.
- If the system has already been connected to Apple CarPlay or Android Auto™, you need switch to Bluetooth device connection first in the Network interface.
- If the phone's Bluetooth is not connected, the system will display “Bluetooth device not connected” and prompt you to connect. If Bluetooth is already connected and call record permissions have been synced, the call record will be displayed by default.

Contacts

Tap the "Contacts" icon on the interface to synchronise phone contact data. (Note: Some phones require agreeing to "sync contacts" on the phone side to enable synchronisation)

Swipe up and down on the interface to view more contacts. After you tap a contact, the contact details page is displayed. After you tap the dial icon on the contact details page, you can make a call to the contact.

Keyboard

On the main interface of the Phone, tap the "Keyboard" icon on the left side of the interface to enter the dial pad interface. Press any number icon, the system will perform a fuzzy search and display the corresponding contact on the right.

Click this contact, or press the full number and then tap the call icon " " at the bottom left.

More Settings

On the main interface of the Phone, tap the "More Settings" icon on the left side of the interface to enter the more settings interface, where you can enable/disable data synchronisation and operate call settings and Bluetooth® settings.

Scene Mode

▼ Scene Mode

Swipe down with one finger to enter the application centre, then tap to select the "Scene Mode" icon to access the Scene Mode interface.

You can switch to a different mode by following these steps:



1. Scene Mode exit icon: Tap this icon to exit the Scene Mode interface.
2. Scene Mode selection area: Swipe up and down to select the desired Scene Mode.
3. Scene Mode control area: Allows control of the selected Scene Mode.

Entertainment

Private Call Mode

When Private Call Mode is activated and the phone is connected to the vehicle via Bluetooth®, the call interface will be hidden on the centre display during an incoming call. The audio track for the Bluetooth® call will automatically switch to the phone, and the incoming call ringtone and voice announcements on the vehicle side will be automatically disabled.

Navigate to the "Scene Mode" interface and tap on "Private Call Mode". Use the "On" or "Off" buttons to activate or deactivate the Private Call Mode. You can also control the activation and deactivation of Private Call Mode via voice recognitions.

Note

- When Private Call Mode is activated, the vehicle's Bluetooth® call track will automatically be disabled. Please answer calls on your mobile device.

Fresh Air Mode

The vehicle automatically lowers the windows and activates the air purification system to maintain fresh air inside the cabin.

To enable or disable Fresh Air Mode, navigate to the "Scenario Mode" screen and tap the "On" or "Off" icon accordingly.

Relax Mode

When Relax Mode is activated, the system provides a comfortable in-vehicle environment by playing soothing music, adjusting the seat position, and offering a wake-up service for a short rest.

To activate or deactivate Relax Mode, go to the "Scene Mode" screen and tap the "Start" or "Stop" icon.

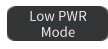
You can customize Relax Mode by selecting different music themes such as Ocean, Forest, Rainy Day, Valley, or Campfire. Additionally, you can set the nap duration, adjust window openings, volume, air conditioning preferences, and ambient lighting.

Pet Mode

There are two Pet modes: Normal Mode and Low-power Mode.

Normal Mode: In this mode, after the vehicle is locked from the outside, the climate control, audio-visual entertainment, and seat adjustment will remain available. The vehicle will automatically exit this mode when the State of Charge (SOC) falls below 20%.

Low-power Mode: In this mode, after you leave and the vehicle is locked, it should maintain the interior temperature with low-power consumption. When the vehicle's SOC falls below 20%, it enters the  module under the "Scene Mode" interface. By tapping the  icon, the normal mode is activated. Tapping the icon again will deactivate the function.

Activate the low-power mode of climate control by tapping the  icon. Tap the icon again to deactivate the function. You can also activate or deactivate the corresponding mode via voice recognition.

Tap the  icon to access the Pet mode settings. In the settings menu, you can enable the hazard lights to turn on by pressing  when the climate control system is active.

After turning into the Pet Mode, the driver can choose from the two Pet modes after locking the vehicle with the key upon exiting.

Normal mode and low-power mode cannot be activated simultaneously.

Rest Mode

When staying inside the vehicle for extended periods, activate Rest Mode to maintain a comfortable cabin environment with reduced energy consumption.

Navigate to the "Scene Mode" interface and select the Rest Mode. Activate or deactivate the Rest Mode by tapping the "On" or "Off" icon.

In Rest Mode, if the centre display is not operated for five minutes, it will enter a screen-off state. You can reactivate the centre display by tapping the screen.

Car Wash Mode

Once the Car Wash Mode is activated, the vehicle will automatically close all windows, disable the automatic wiper function, and lock the charging port cover, to prevent any damage to the vehicle during the car wash process.

Navigate to the "Scene Mode" interface and select the Car Wash Mode. Activate the Car Wash Mode by tapping the "Start" icon.

After activating the Car Wash Mode, deactivate the Car Wash Mode by tapping the "Off" icon.

Entertainment

Camera

▼ Camera

Swipe down with one finger to enter the application centre, tap to select the "Camera" icon or use a voice recognition to turn on the camera, and you will enter the camera photo/video interface.

In the photo/video interface, you can perform photo/video operations, view and delete images/videos, and enable/disable the microphone.

Navigation

For the navigation system operation, refer to the navigation system manual.

Settings

Vehicle Centre

▼Vehicle Centre

Tap the " " icon on the bottom status bar or the "Vehicle Centre" icon in the function menu bar to enter the vehicle centre interface:

In the vehicle centre menu interface, you can view and set functions such as "Light", "Vehicle Settings", "Comfy Cabin", "Energy Management", "AR-HUD", "Driving Mode", "Smart Drive", "AC Settings", "Display", "Sound", "Voice", "Cab Monitor", "Network", "Safety", "My Vehicle", and "Privacy".

Select the corresponding menu and scroll up and down through the secondary menu to view more vehicle settings.

Light

▼Light

In the vehicle centre interface, tap "Light" to enter the light settings interface, where you can control the headlights and ambient lighting.

▼Lighting Control

The following operations can be performed on the "Light" screen.

1. Tap to exit the vehicle centre, automatically saving the current settings;
2. The Headlight control panel allows you to turn off all lights and switch on/off the low beam, position lights, automatic headlights, and rear fog light control.
3. Tap to turn the Rear Fog Light on/off.
4. Tap to turn on/off the Intelligent High Beams.
5. Tap to adjust the Headlight Height (Low/Lower/Centre/Higher/High/0).
6. Tap to adjust the Headlight Delay duration (Disable/10s/30s/60s/120s).
7. Tap to turn on/off the Welcome/See—Off Light.
8. Tap to turn the Logo Light on/off. (Left-Hand Drive Model)
9. Tap to turn the Charging Light Show on/off.
10. Tap to turn the Auto Dome Light on/off.
11. Tap to turn the Ambient Light on/off.

Settings

Ambient Light Adjustment

1. Ambient light mode adjustment, with options to select between Follow Driving Mode and Follow Music Rhythm.
2. Dynamic mode selection, with options for Static and Breathe modes;
3. Slide the slider to adjust the Ambient Light Brightness.
4. Slide the slider to adjust the ambient light colour.
5. Tap to turn on/off the Voice connected Ambient Light.
6. Tap to turn on/off the Driving connected Ambient Light.
7. When the Driving Linkage Ambient Light is activated, you can choose to dim or turn off the ambient lights while driving.
8. Tap to turn the Ambient Light Welcome on/off.

Vehicle Settings

▼Vehicle Settings

In the "Vehicle Centre → Vehicle Settings" interface, you can configure the Wiper, Liftgate, Auto Lock/Unlock, Electric Spoiler, and Front Radar functions.

▼Wiper Level

In the "Vehicle Centre → Vehicle Settings" interface, you can set the wiper level (Disable/Low Speed/High Speed/Auto). When the wiper level is set to Auto, you can adjust the Auto Wiper Sensitivity (Lowest/Lower/Medium/High/Highest).

▼Liftgate

In the "Vehicle Centre → Vehicle Settings" interface, you can enable/disable the Liftgate and adjust the maximum opening of the Liftgate. During the opening/closing process of the Liftgate, tapping the icon again can pause the Liftgate opening/closing at any time.

▼Auto Locking/Unlocking

In the "Vehicle Centre → Vehicle Settings" interface, you can enable/disable auto window closure upon vehicle locking, Auto Lock When Driving, Auto Lock When Leaving, Auto Unlock When Parking, Auto Unlock When Approaching, and Rear Touchscreen Lock. You can also set the Remote Unlock Mode (Unlock Driver Door/Unlock Four Doors).

▼Electric Spoiler

In the "Vehicle Centre → Vehicle Settings" interface, you can configure the electric spoiler to Hold On, Hold Off, Follow Speed, Sport Mode, and the Electric Spoiler Welcome function.

▼Electric Tow Hook*

On the "Vehicle, Centre → Vehicle Settings" screen, tap the expand/retract icon below the electric towing hook to control its status.

Comfy Cabin

▼Comfy Cabin

In the "Vehicle Centre → Comfy Cabin" interface, you can configure the rear-view mirror, seats, and wireless charging functionality.

▼Rear-View Mirror

In the "Vehicle Centre → Comfy Cabin" interface, you can enable/disable Rear-View Mirror Fold, Adjustment, Automatic Folding, and Rear-View Mirror Reversing Assist.

Rear-View Mirror Adjustment

Tap the adjustment icon to bring up the rear-view mirror adjustment interface. Select the Left/Right Rear-View Mirror, then press the direction switch on the right of steering wheel to adjust the rear-view mirror.

▼Seat Adjustment

In the "Vehicle Centre → Comfy Cabin → Seat Adjustment" interface, seat adjustments can be made. When adjusting using the seat buttons, the seat adjustment interface will automatically pop up on the centre display.

Driver Seat

Select "Driver" to perform the following adjustments to the driver's seat.

1. Tap, press  /  to adjust the backrest angle;
2. Tap, press  /  to adjust the seat forward or backward;

3. Tap, press  /  to adjust the seat height;
4. Tap, press  /  to adjust the seat leg support.(Right-Hand Drive Model);
5. Adjust the seat to the desired position, then tap "Save" in the Driver Position frame to save the current position.
6. Tap "Driving Position " without touching the Save Icon, the seat will automatically be adjusted to saved "Standby Position"(Right-Hand Drive Model).
7. When "Recall" in the driving position frame is tapped, the seat can automatically return to the position saved in "Driving Position Memory"(Left-Hand Drive Model).
8. Adjust the seat to the desired position, then tap "Save" in the Backup Position frame to save the current position.
9. Tap "Standby Position" without touching the Save Icon, the seat will automatically be adjusted to saved "Standby Position"(Right-Hand Drive Model).
10. When "Recall" in the backup position frame is tapped, the seat can automatically return to the position saved in "Standby Position" (Left-Hand Drive Model).

11. Adjust the seat to the desired position, then tap "Save" in the Resting Position frame to save the current position.
12. Touch outside the "Save" frame in the resting position frame, and the seat will automatically return to the seat position saved as "Resting Position" (Right-Hand Drive Model).
13. When "Recall" in the rest position frame is tapped, the seat can automatically return to the position saved in "Resting Position" (Left-Hand Drive Model).
14. Tap to enter the Rear-View Mirror Adjustment interface.

Front Passenger Seat

Select "Front Passenger Seat" to perform the following adjustments to the front passenger's seat.

1. Tap, press  /  to adjust the backrest angle;
2. Tap, press  /  to adjust the seat forward or backward;

Easy Access for Front Seat

In the "Vehicle Centre → Comfy Cabin" interface, tap to open "Easy Access for Front Seat".

Park the vehicle, shift to the P position, unbuckle the seatbelt, open the driver's door, and the driver seat will be adjusted to the Easy Access for Front Seat position.

Unlock and open the driver's door, enter the vehicle, and close the driver's door. Adjust the driver seat to the driving position.

▼ Custom Steering Wheel Switch

Depending on your needs, you can configure steering wheel switch ① or switch ② to Turn On/Off the AC, Ambient Light Adjustment*, Front Defroster, Low Beam, Electric Spoiler*, Energy Recovery, Wiper Level, DND Mode, EV-Sound, Driving Mode Switch, Steering Wheel Heating*, Air Circ Switch, and Phone Wireless Charging.



To customize the Steering Wheel:

1. Press the switch ①/② on the steering wheel, and the custom steering wheel switch interface will directly pop up on the home screen;
2. Select "Vehicle Centre → Comfy Cabin → Custom Steering Wheel Switch" on the home screen to set up.

*Some Models

Settings

▼ Wireless Charging

In the "Vehicle Centre → Comfy Cabin" interface, tap to activate "Wireless Charging".

You can charge mobile devices such as smartphones that comply with the Qi wireless charging standard.

Only mobile devices with a maximum power consumption of less than 50W can be charged. The maximum power consumption varies depending on the mobile device.

(Left-Hand Drive Model)



(Right-Hand Drive Model)



1. Charging Area
2. Charging panel air outlet

For an improved cooling experience, do not cover the panel's air outlet on the back of the phone.

⚠ WARNING

Radio waves emitted by wireless phone charger (Qi) may interfere with the operation of medical devices such as implanted pacemakers or defibrillators.

- If you intend to use a wireless phone charger (Qi) near individuals operating medical equipment, it is advisable to consult the medical equipment manufacturer or a physician in advance to ascertain whether the radio waves emitted by the Wireless phone charger (Qi) could potentially affect the equipment.
- Wireless phone charger (Qi) can be disabled to prevent interference with medical devices. For more details, consult an expert repairer (we recommend an Authorised Mazda Repairer).

Please note the following precautions. Otherwise, the wireless phone charger (Qi) may malfunction or become damaged, potentially leading to fire, burns due to overheating, or electric shock incidents.

- Please do not install, remove, disassemble, or modify the wiring of the wireless phone charger (Qi). If you need to install or remove the wireless phone charger (Qi), consult an expert repairer (we recommend an Authorised Mazda Repairer).
 - Do not use the wireless phone charger (Qi) if a malfunction occurs. Furthermore, if the wireless phone charger (Qi) emits smoke, or produces abnormal noise or odour, please park the vehicle in a safe location, power down the vehicle, and consult an expert repairer (we recommend an Authorised Mazda Repairer).
 - Please turn off the wireless phone charger (Qi) if you need to place anything in the charging area.
 - Do not place any metal objects between the charging area and the mobile device. In addition, do not attach items such as metal tags to the wireless phone charger (Qi).
 - When charging, do not place any items other than the mobile device to be charged on the wireless phone charger (Qi). Additionally, do not place any metal objects, IC cards, coins, transmitter, or magnetic items near the charging area. Also, avoid using thick phone cases or metal phone cases, which may result in charging issues).
 - Clear any dust or debris from the charging area before use.
 - Do not apply excessive force or impact to the wireless phone charger (Qi), or expose it to moisture.
 - Only use mobile devices that support Wireless phone charger (Qi).
-  CAUTION
- If the centre display in the vehicle shows the message "Wireless charging temperature too high", please remove the phone and try again later.
 - When placing the mobile device in the charging area, please keep the car key away from the wireless phone charger (Qi). Due to radio wave interference from the wireless phone charger (Qi), the car key may not be detected.
 - Charging may not function properly under the following conditions:
 - The mobile device is fully charged.
 - There is a foreign object between the mobile device and the charging area.
 - The temperature of the mobile device is extremely high.
 - Place the charging side of the mobile device facing upwards.
 - The mobile device is placed in a position that is significantly off-centre from the charging area.

Settings

- The area where the vehicle is located has strong electromagnetic waves or electronic noise, such as near television towers, power generation facilities, or airports.
- The Near Field Communication (NFC) function of the mobile device is set to on (depending on the model of the mobile device).

Please keep the following items away from the charging area. Otherwise, the data stored on the mobile device may be deleted, or the device may malfunction.

- Magnetic items, such as magnets, magnetic cards, and magnetic recording media.
- Precision equipment, such as watches.
- Before using the wireless phone charger (Qi), ensure that data stored on the mobile device is backed up. Data on the mobile device may be deleted.
- Do not use oil, alcohol, or thinner to wipe the wireless phone charger (Qi), nor spray hairspray or insecticide on it. Otherwise, damage or cracking may occur.
- Do not leave mobile devices inside the vehicle cabin. The temperature inside the carriage may be extremely high, leading to equipment malfunction.

Energy Mgmt

▼ Energy Mgmt

Access the corresponding control interface via the centre display by navigating to "Vehicle Centre → Energy Mgmt".

1. Driving Energy Consumption Method: you can choose from Post-launch/Subtotal/Long-term.
2. Energy Consumption Curve: you can choose from 25km/50km;
3. Energy Consumption Measurement: you can choose WLTC/dynamic.
4. Energy Display: you can choose from remaining mileage/remaining battery.
5. Scheduled Charging: Once enabled, you can set the start and end times for scheduled charging.
6. Upper Limit of Charging Capacity: sliding left and right to set the maximum current (Left-Hand Drive Model).
7. Charging Current Limit: you can choose from 8A/13A/maximum.
8. Auto Unlock of Charging Gun: Once activated, the charging gun will automatically unlock upon completion of normal charging.
9. External Discharge: External discharge can only be activated after the discharge gun is inserted.
10. Battery Preheating: Once enabled, you can set the estimated departure time, and the battery will automatically heat according to the set time.

Driving Energy Consumption Curve Settings

In the "Vehicle Centre → Energy Mgmt" interface, you can view the energy consumption curve on the far right. Tap "Reset" to clear the energy consumption records.

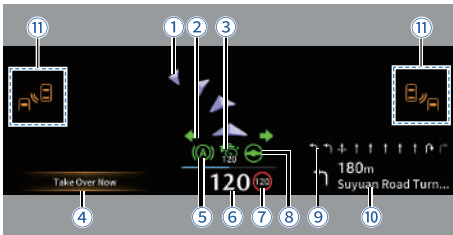
AR-HUD

▼AR-HUD

Access the corresponding control interface via the centre display by navigating to "Vehicle Centre → AR-HUD".

1. Enable or disable AR-HUD settings.
2. HUD Brightness: Slide left or right to adjust the HUD brightness.
3. HUD Height: Slide left or right to adjust the HUD height;
4. HUD High Contrast Mode Setting: You can select between standard/snow mode;
5. HUD Mode: You can choose between Classic, Minimal, or Custom modes. Selecting the Custom mode enables you to turn on/off navigation information display, blind spot monitoring, and speed warning colour prompt.
6. Total Range: You can choose between Disable/15s/30s/60s;
7. Restore to default settings.

▼AR-HUD Description



1. AR navigation arrow: When the vehicle navigation system is activated and the vehicle is about to turn, an AR navigation arrow appears in the driver's field of view.
2. Turn signal indicator;
3. Mazda Radar Cruise Control (MRCC) featuring Stop & Go:
 - When the Mazda Radar Cruise Control (MRCC) featuring Stop & Go is not activated, the indicator icon is white;
 - When Mazda Radar Cruise Control (MRCC) featuring Stop & Go is activated, the indicator icon is green;
 - When there is a fault with the Mazda Radar Cruise Control (MRCC) featuring Stop & Go, the indicator icon will be yellow.

4. Comprehensive information display area, showing vehicle time distance and prompt information;
5. Automatic Parking Indicator Light;
6. Speedometer;
7. Speed Limit Alert: Speed Warning Colour Prompt: When the HUD receives an overspeed signal, the speed limit icon flashes three times and then enlarges by 1.2 times;
8. Smart Cruise Asst Icon:
 - Activatable standby mode: White icon;
 - Activation status: Green icon;
 - Override State: Grey icon (when the current vehicle speed exceeds the set cruise speed).
9. Driveable Lanes: When the vehicle navigation system is activated and the vehicle is approaching an intersection, the driveable lanes for the next intersection will appear below the speedometer.
10. Intersection guidance information.
11. Blind Spot Monitoring Icon: Display when the ADAS function is activated and a vehicle approaches from behind.

Note

- The image above shows the icon status in the AR-HUD standard display mode.

Settings

Driving Mode

▼ Driving Mode

Access the corresponding control interface via the centre display by selecting "Vehicle Centre → Driving Mode".

While in the driving mode, you can turned on/off Driving mode preference memory.

While in the driving mode, you can select Comfortable/Sport/Custom mode.

Custom Mode

After selecting Custom Mode, you can adjust the Power Style, Energy Recovery Intensity, and Steering Power Mode.

1. The Power Mode can be set to either Medium or Strong.
2. Energy Recovery Intensity can be set to Low/Standard/Medium/Strong;
3. Steering Power Mode can be set to Standard/Sport mode;

▼ Electronic Stability Control

Tap to turn on/off the Electronic Stability Control.

▼ Auto Hold

Tap to enable/disable Auto Hold.

▼ Comfort Stop

Tap to enable/disable Comfort Stop.

Smart Drive

▼ Smart Drive

Access the corresponding control interface via the centre display by navigating to "Vehicle Centre → Smart Drive".

Smart Drive settings are have two modes: Driving Assistance and Safety Assistance.

▼ Driving Assistance

The following controls can be performed on the "Driving Assist" screen.

1. Select driving preferences, you can choose from Smart Cruise Asst/Adaptive Cruise Control.
 - Voice Prompt settings can only be configured when Smart Cruise Asst is selected.
2. Tap to enable/disable Voice Prompt.
3. Tap to enable/disable Sound Tips.
4. Tap to enable/disable Speed Limit Assistant (Left-Hand Drive Model).
5. Tap to enable/disable the Speed Limit Change Prompt Tone (Left-Hand Drive Model).
6. Tap to enable/disable Intelligent Speed Limit (Left-Hand Drive Model).
7. Tap to enable/disable Overspeed Warning (Left-Hand Drive Model).

▼ Safety Assistance

The following controls can be performed on the "Safety Assist" screen.

1. Forward Collision Warning: you can choose from Early/Centre/Late/Disable;
2. Tap to enable or disable Automatic Emergency Braking.
3. Reversing Lateral Assist: you can choose from Brake/Warning/Warning+Braking/Disable;
4. Lane Departure Switch: you can choose from Correction/Warning/Correction + Warning/Disable.
5. Tap to enable/disable Emergency Lane Keeping;
6. Door Opening Warning: you can choose from Voice Prompt/Warning/Disable;
7. Tap to enable/disable Rear Collision Warning.
8. Lane Change Assist: you can choose from Light/Light + Vibration/Light + Sound/Disable;
9. Warning Time settings can be selected as Early/Centre/Late.

▼ Warnings and Precautions



Do not rely entirely on the Smart Drive system.

The Smart Drive system is designed to assist drivers in safely operating their vehicles by reducing driver workload, helping to avoid collisions, or mitigating their severity.

Due to the inherent limitations of various Smart Drive system, it is imperative to drive with caution.

AC Settings

▼AC Settings

Enter the corresponding control screen via "Vehicle Centre → A/C Settings" on the central display, where the following operations can be performed:

1. Tap to enable/disable the Unlock Active Ventilation.
2. Tap to turn on/off Auto Air purifier;
3. Tap to turn on/off AC Self-Dry.
4. Tap to enable/disable the Air Purification Voice Prompt.
5. Tap to enable/disable the Air Purification Animation Prompt.
6. Tap to turn on/off the Auto Defog.
7. Select the Cabin Ventilation System settings, you can choose from Disable/Default/Custom;
 - Once custom is enabled, you can do Morning Ventilation/Afternoon Ventilation/Evening Ventilation settings.

Display

▼ Display

Enter the corresponding control screen via "Vehicle Centre → Display" on the central display, where the following operations can be performed:

1. Background Mode settings, options include Light/Dark/Auto;
2. Taskbar Style settings, options to select Fixed Dark Mode/Follow Background;
3. Tap to enable/disable Auto Brightness Adjustment;
4. Slide the slider to adjust the Centre Control Brightness;
5. Slide the slider to adjust the Instrument Panel Brightness;
6. Tap to turn on/off automatic time zone Settings;
7. Time Zone Settings, you can manually select the time zone.
8. Time System Setting, options available for 24-hour format/12-hour format;
9. Auto Time Settings, tap to enable/disable automatic time setting;
10. Manual Time Settings, allows for the manual configuration of date and time;
11. Language Settings, allow you to select the language in use;
12. Unit System Switch, options available for kilometre/mile;

13. Screen Off: Tap to turn off the centre display;

- Method to reactivate the centre display: Press the brake pedal or touch the centre display to relight the instrument panel and centre display.

14. Screen Clean: Tap to enter screen clean mode.

Settings

Sound

▼ Sound

Enter the corresponding control screen via "Vehicle Centre → Sound" on the central display, where the following operations can be performed:

1. Tap to enter Sound Effect Adjustment settings.
2. Slide the slider to adjust the Multimedia Volume.
3. Slide the slider to adjust the Call Volume.
4. Slide the slider to adjust the Intelligent Voice.
5. Slide the slider to adjust the Navigation Tone;
6. Interior Speaker Settings: Headrest Mode / Headrest Assist / Headrest Off.
 - After selecting the headrest mode, balance adjustment can be performed.
 - After selecting the headrest assist mode, you can adjust the balance, set up Bluetooth® headrest call, and configure headrest navigation announcements.
7. Tap to turn on/off the Exterior Speaker;
8. Tap to turn EV Sound on/off.
9. Tap to enable/disable the See-off Prompt Tone.
10. Tap to enable/disable Touch Tone.
11. Alarm Tone Volume Setting: You can select from Low, Medium, or High.

Sound Effect Adjustment

After entering the sound effects settings, the following configurations can be made:

1. Select from Live, Music Hall, KTV, and Cinema;
2. Select from Low, Mid, High;
3. Adjust sound field position.

Cab Monitor

▼ Cab Monitor

Access the corresponding control interface via the centre display by navigating to "Vehicle Centre → Cab Monitor".

1. Tap to turn on/off Distraction Reminder.
2. Tap to enable/disable Gesture Recognition.
3. Tap to enable/disable Life detection*.

Distraction Reminder

When driver inattention is detected, a safety reminder will be sent.

Gesture Recognition

Once Gesture Recognition is enabled, tapping an unlearned gesture will trigger the corresponding gesture recognition prompt interface. Complete the gesture learning as instructed.

*Some Models

Settings

Life Detection*

In-vehicle life detection is achieved through the detection of micro-movements and breathing signals using the life radar.

After the driver locks the vehicle and powers it down, if the life radar detects a living being inside the vehicle, the system will automatically activate a warning reminder for forgotten living beings inside the vehicle.

When the life detection function is turned off, there will be a pop-up window of "Life Detection Disclaimer". The life detection function can be turned off only after reconfirming that it is turned off.

This function switch is enabled by default and can only be turned off once. After a single turn-off, it will automatically re-enable when the vehicle is powered on again. The switch is as follows:

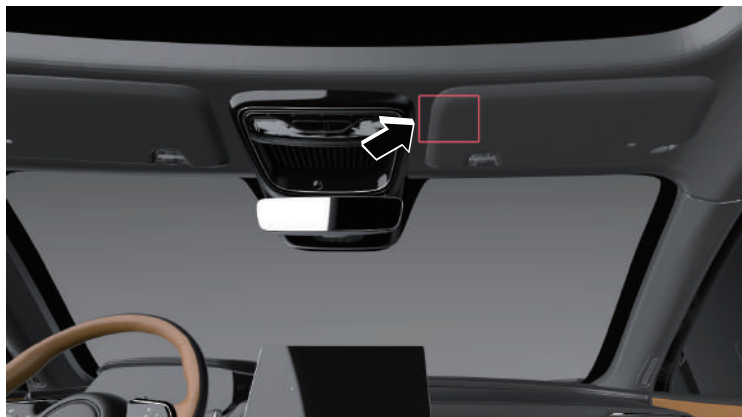
Note

- This system detects vital signs such as breathing rate and micro-movements in living beings through radar. Although the system has been designed to minimize the impact of external and internal vehicle environment factors such as hanging objects and body vibrations, there may still be a certain probability of false alarms.

*Some Models

Life Presence Radar

- The front radar is located on the inner side of the ceiling next to the front map light, as shown in the figure below:



- The rear radar is located on the inner side of the ceiling in the middle of the rear seats, as shown in the figure below:



Life Detection Alert

When the life detection function is enabled, the vehicle will immediately enter the detection state after locking and powering down. If it detects any personnel left inside the vehicle, it will immediately activate the alert function. If no living beings are detected within 3 minutes, the life detection will automatically exit. The alert function is divided into the following three stages:

Settings

- First stage: The vehicle will sound the horn for 10 seconds to alert the owner, and turn on the hazard lights for 1 minute. Simultaneously, a message will be sent through the cloud to the Mobile App: "Life form Detected in Your Vehicle, Please Attend to the Vehicle Immediately to Prevent Any Incidents";
- Second stage: If the vehicle door is not opened within 10 seconds after the first reminder, the system will enter the second stage. The vehicle will sound the horn for 20 seconds and keep the hazard lights on. Additionally, a message will be sent again via the cloud to the Mobile App: "Life form Detected in Your Vehicle, Please Attend to the Vehicle Immediately to Prevent Any Incidents";
- Third stage: If the vehicle door has not been opened within 9 minutes after detecting life forms, the fully automatic climate control will be activated, set to 25°C, and switched to AUTO mode. A message will be sent via the cloud to the Mobile App: "To Ensure the Safety of the Person or Animal In the Vehicle, the Fully Automatic Climate Control Has Been Activated. Please Attend to the Vehicle as Soon as Possible".

WARNING

- The Life Detection Alert is only a security reminder auxiliary function, there is a possibility of detection reminder failure. Do not overly trust the Life Detection Alert.
- Do not leave a living person unattended in the car, Mazda will not be liable for any injury resulting from leaving a living person in the car.

WARNING

- When Camping Mode, Nap Mode, or Pet Mode is on, the vital signs detection function will be disabled. Do not leave children unattended in the vehicle.

Network

▼ Network

Access the corresponding control interface via the centre display by navigating to "Vehicle Centre → Network". In the Network interface, you can view and configure Bluetooth®, Wi-Fi, Vehicle Hotspot, Interconnected Device.

The vehicle hotspot is used solely for data transmission with Apple CarPlay and Android Auto and does not provide data for mobile phone use.

Safety

▼Safety

Enter the corresponding control screen via "Vehicle Centre → Safety" on the central display, where the following operations can be performed:

1. Tap to enable the electronic parking brake (EPB).
2. Tap to power off the vehicle.
3. Maintenance settings allow you to set the maintenance time and mileage.
4. Tap to enable/disable wiper repair mode;
5. Tap to enable/disable rear seat belt reminder.
6. Tap to enable/disable the front passenger airbag (not applicable in Australia and New Zealand markets).

▼Trailer Mode

The Trailer Mode can be turned on/off in the "Vehicle Centre → Safety" interface.

My Vehicle

▼ My Vehicle

Access the corresponding control interface via the centre display by navigating to "Vehicle Centre → My Vehicle". In the My Vehicle interface, You can view the chip type, RAM, HU Storage, system version and vehicle name, among which the system version can be "factory reset", and the vehicle name can be customized.

Note

- To ensure an enhanced Connected Service experience, please promptly upgrade the system to the latest version.

Privacy

▼ Privacy

Access the corresponding control interface via the centre display by navigating to "Vehicle Centre → Privacy". In the privacy interface, you can view and configure Camera Permission, Microphone Permission, Vehicle Location Permission, Privacy and Agreement.

Microphone Permission

Granting the microphone permission allows the system to capture in-vehicle audio, ensuring normal operation of voice recognition features, phone, and audio recording when using the camera.

Vehicle Location Permission

Granting vehicle location Permission allows vehicle location data to be collected for Navigation.

Camera Permission

Granting Camera Permission allows images to be captured and used for fatigue reminder, inattention reminder, gesture recognition and camera.

Voice Settings

▼Voice Settings

Enter the corresponding control screen via "Vehicle Centre → Voice" on the central display, where the following controls can be performed:

1. Tap to enable/disable Intelligent Voice control;
 - After enabling intelligent voice, Interior Voice Wake—Up can be performed.
2. Tap to enable/disable Interior Voice Wake—Up.
3. Tap to enable/disable No Wakeup Needed.
4. Continuous Conversation settings, options include 10s/20s/30s/Disable.

Voice Recognition

▼Voice Recognition

Voice Recognition Activation

Vehicle control can be achieved through user voice recognitions. You can activate the voice recognition by saying "Hi, Mazda" to initiate the in-car voice experience. For example, you can say: "Hi, Mazda", and after hearing the voice recognition's response, you can continue by saying:

- "Call someone"
- "Navigate to an area"

If you wish to manually activate the voice recognition, you can do so by pressing the microphone icon  on the steering wheel or tapping the voice recognition icon  at the top of the interface. Once you hear the voice recognition's response, you may begin issuing your commands or engage in conversation.

Note

The Connected Service voice recognition is not active while Apple CarPlay or Android Auto™ is connected, the microphone switch will activate Siri or Android Auto™ voice recognition instead.

Voice Recognition Deactivation

Do any one of the following operations:

- Press the microphone switch on the steering wheel;
- Say the word, "Cancel" .

Voice Control Music

Multimedia services can be controlled via voice recognitions. You can say "Previous track", "Next track", "Pause playing", "Keep playing" to complete the playback of your favourite songs.

Voice Control Vehicle

Some vehicle functions can be controlled via voice recognitions. You can manage the vehicle by saying commands such as "turn on seat heating", "open the window", and so on. Most functions on the centre display also support direct voice control. You can try command on the centre display to perform voice control.

No Wakeup Needed

Once the No Wakeup Needed feature is enabled, there is no need to say "Hi, Mazda" to activate the vehicle system. Instead, you can directly control certain functions of the vehicle system using specified wake-up-free commands. The currently supported wake-up-free commands include: "Previous track", "Next track", "Pause playing", "Keep playing", "Volume up", "Volume down", "Back to desktop".

Note

- When using the voice recognition function, do not move the interior rear-view mirror to obstruct the microphone recognition port, to ensure optimal voice experience.

▼Interior Voice Recognition Functions

The following are the Interior voice recognition functions and their corresponding commands. You can state the relevant command according to your needs.

Module	Feature	Effect
Voice Wake-Up	Multimedia	Previous track
		Next track
		Pause playing
		Keep playing
	Volume	Volume up
		Volume down
	DESKTOP	Back to desktop
AC	AC Switch (Front)	Enable/Disable the air conditioner
		Enable/Disable's air conditioner
	Temperature Control (Driver/Front Passenger)	Increase the air conditioner temperature a little
		Increase the air conditioner temperature by x degree

Features

Voice

Module	Feature	Effect
		Increase the air conditioner temperature to x degree
		Decrease the driver's air conditioner temperature to x degree
	AC airflow adjustment	Adjust the front row airflow to the highest
		Set the wind speed to the maximum
		Stronger airflow
		Set the wind speed to level 1
	Turn on the automatic fully automatic climate control	Turn on the automatic fully automatic climate control
	Enable/disable the temperature zone synchronization	Enable/disable the temperature zone synchronization
	Enable the front defroster (Turn on front defrost) / close the front defroster (Turn off front defroster)	Enable the front defrost (turn on front defroster) / close the front defroster (turn off front defroster)
	Enable/disable the rear defogger	Enable/disable the rear defogger
	Set the ventilation mode	Set the air conditioner to face blowing mode

Module	Feature	Effect
	Mode Control	Set the air conditioner to cooling /heat/automatic mode
	Set internal circulation	Change to internal circulation
	Set external circulation	Change to external circulation
	Enable/disable the automatic defogger	Enable/disable the automatic defogger
	Enable/disable the air purifier	Enable/disable the air purifier
	Unlock active ventilation settings	Enable/disable the unlock active ventilation
Window	Open / Close Windows (Driver / Passenger / Front / Rear / All)	Open the window to the maximum
		Open the window to the minimum
		Open the driver's window to the maximum
		Open the driver's window to the minimum
		Open the passenger's window to the maximum
		Open the passenger's window to the minimum
		Close all the windows to the maximum
		Close all the windows to the minimum
	Enable the auto window closure upon vehicle locking.	Enable the auto window closure upon vehicle locking.

Features

Voice

Module	Feature	Effect
Seat	Driver's seat forward or backward adjustment	Adjust the driver's seat backward a little
	Driver's seat-back forward or backward adjustment	Adjust the driver's seatback to the fully up-right position.
	Driver's seat height adjustment	Turn up the driver's seat /raise up the seat
	Driver's seat cushion tilt adjustment	Set the driver's cushion inclination higher
	Front and rear adjustment of the passenger seat	Adjust the passenger's seat forward
	Front passenger seatback forward or backward adjustment	Adjust the passenger's backrest forward
	Enable / disable seat heating (driver and front passenger)	Enable/disable the driver's seat heating
		Enable/disable the front passenger seat heating
	Seat heating level adjustment (Levels: 1, 2, 3)	Change the seat heating to 1
	Enable/disable the seat	Enable/disable the driver's seat ventilation

Module	Feature	Effect
	ventilation (driver and front passenger)	Enable/Disable the codriver seat ventilation
	Seat ventilation level adjustment (Levels: 1, 2, 3)	Increase the seat ventilation by 1 grade
		Change the seat ventilation to 2
		Turn the driver's seat ventilation to maximum
Light	Headlight AUTO Mode / Auto Headlight	Turn on the auto light
	Intelligent High Beam Function	Turn on the smart high beam
	Low beam headlight	Turn on on low beam light
	Position light	Turn on the position light
	Rear fog light	Turn on the rear fog light
	Headlight Height Adjustment (Adjustment Positions: Numerical value 1-5)	Set the low beam height to level 1
		Set the headlight slightly higher
Rear-view mirror	Rear-view mirror deployment	Unfold the side view mirror
	Rear-view mirror folding	Fold the side view mirror

Features

Voice

Module	Feature	Effect
	Automatic folding of Rear-View Mirror	Turn on the mirror auto fold
	Rear-view Mirror Re-versing Assist	Turn on the rear-view mirror reversing assist
Ambient light	Ambient Light	Turn on ambient light
	Ambient light colour	Set ambient light colour to green
		Set the ambient light to a random colour
	Adjust ambi-ent light brightness	Increase the ambient light brightness by level x
		Set ambient light brightness to level 7
		Set the ambient light brightness to maximum.
	Ambient light mode switch	Ambient light vary with drive mode
		Ambient light vary with music
	Ambient light dynamic mode setting	Set the ambient light to static
		Set the ambient light to breathing
Wiper	Wiper Level	Set the wiper to low speed
	Wiper Level	Set the wiper to high speed
	Wiper Level	Set the wiper to automatic
	Windscreen wiper switch	Turn on the wiper
	Wiper Repair Mode	Open the wiper maintenance mode

Module	Feature	Effect
Door lock	Liftgate Switch	Open the Liftgate
	Maximum Opening of the Liftgate	Set the Liftgate to 100%
	Auto Lock When Driving	Turn on the auto locking when driving
	Auto Unlock When Parking	Turn on the park auto unlock
Sound	Touchscreen Tone	Turn on the touch screen tone
	Sound Effect Adjustment Page	Open the sound effect adjustment page
	Sound Field Adjustment Page	Open the sound field page
	Sound Effect Settings (Sound Effect Adjustment)	Set the sound effect adjustment to livehouse
		Set the sound effect adjustment to Music Hall
		Set the sound effect adjustment to ktv
		Set the sound effect adjustment to cinema
	Sound Field Settings	Set sound field to driver
Driving Mode	Driving Mode	Set the driving mode to comfort mode
		Set the driving mode to sports
		Set the driving mode to custom

Features

Voice

Module	Feature	Effect
	Power Style	Set power style to steady
		Set power style to strong
	Energy Re-covery Intensity	Set energy recovery to standard
	Steering Power Mode	Set the steering boost mode to standard steering
	Electronic Stability Control	Activate stability assistance
Energy Man-agement	Wireless Charging	Open the wireless charging
	AC Charging Limit	Set the charge current limit to 8 amps
	Auto Unlock Of Charging Gun	Turn on the automatic unlocking of charging gun
	Energy Dis-play Settings	Set the energy display to remaining mileage
		Set the energy display to remaining battery
Network	Bluetooth®	Turn on Bluetooth®
	Wi-Fi	Turn on the wifi
	Hotspot	Turn on the wifi hotspot
Steering Wheel	Steering Wheel Heating	Turn on the steering wheel heater
Cab Monitor	Fatigue Reminder	Turn on the fatigue reminder
	Distraction Reminder	Turn on the distraction reminder

Module	Feature	Effect
	Gesture Recognition	Turn on the gesture recognition
	Interior Voice-activated photography	I want to take pictures/i want to take a photo
AR-HUD	AR-HUD Function	Turn on the HUD
	HUD Display Brightness Adjustment (AR-HUD Brightness)	Adjust the AR-HUD brightness to 1
		Set the HUD brightness to the maximum
		Adjust the AR-HUD brightness to lowest
	HUD Height Adjustment (AR-HUD Height)	Set the HUD height to level 1
		Set the HUD height to the maximum
		Set the HUD height to the minimum
	HUD Mode Adjustment / AR-HUD Display Mode	Set the AR-HUD display mode to classic/custom/ minimal
Safety	Trailer Mode	Turn on the Trailer Mode
Display	Centre Display brightness	Slightly increase central display brightness
		Set central display brightness to maximum
		Set central display brightness to x%
	Instrument Panel Brightness	Brighten up the panel screen
		Adjust the dashboard brightness to highest
		Set the the dashboard brightness to x%

Features

Voice

Module	Feature	Effect
	No specified brightness	Increase the brightness a little
		Set the brightness to the maximum
		Set the brightness to the x%
	Auto Brightness Adjustment	Turn on the automatic brightness adjustment
	Background Mode Settings	Set the background mode to light
	Screen Cleaning Mode (Can Only Be Activated)	Enable the screen cleaning mode
	Emergency Lane Keeping	Enable the emergency lane keeping
	Door Open Warning	Set the door opening warning to alert
Smart Drive	Autonomous Emergency Braking	Turn on the automatic emergency braking
	Rear Collision Warning	Enable the rear end warning
	Overspeed Warning	Turn on speeding alert
Voice Query	View energy consumption analysis interface	View the energy consumption analysis page

Module	Feature	Effect
	Vehicle Information Inquiry	Check the remaining mileage
		Check the discharge status
		Check how much battery power is left
	Check tyre pressure	Check the left front/right front/left rear/right rear tyre pressure
		Check the tyre pressure at the front row
		Check the tyre pressure at the rear row
		Check the tyre pressure
		Check the front/ right tyres pressure
Electric Spoiler	Electric Spoiler	Enable the electric spoiler

Note

- The voice recognition examples shown in this manual are only a partial list of the available commands.

To prevent misunderstood voice recognitions, be aware of the following points:

- After the voice recognition feature is enabled, wait for the voice feedback before speaking a command.
- Connect your mobile phone to Bluetooth® before operating the mobile phone using voice recognition.
- Speaking in a slightly louder voice will improve voice recognition, but an excessively loud voice is unnecessary. Try to speak in a slightly louder voice than when talking to other passengers in the vehicle.
- You do not need to speak slowly. Speak at a normal speed.
- Speak clearly, without pausing between words or numbers.
- Voice commands other than those specified, cannot be recognised. Speak in the wording specified by the Voice Recognition.

Voice

- It is not necessary to face the microphone or be near it. Speak the voice commands while maintaining a safe driving position.
- Close the windows to reduce loud noises from outside the vehicle and to prevent the airflow of the fully automatic climate control system from being a disturbance when using Bluetooth® Hands-Free.
- Make sure that the air flow from the air conditioner is not blowing on the microphone.
- If the voice recognition fails, set the volume higher than the recommended level, and enable the No Disturbing feature.

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Apple CarPlay

Apple CarPlay

▼ Apple CarPlay

Apple CarPlay allows you to make calls, send or receive messages, and listen to music using your iPhone with the Connected Service, or search for destinations using the maps. In addition, voice recognition using Siri is available.

Note

The Connected Service can be connected to Apple CarPlay – compatible device such as iPhone6S or newer models.



- Do not place anything on the USB port with the plug connected.
- Depending on the mobile device to be connected, noise may occur when using the device with it connected to the accessory power socket equipped on the vehicle (if noise occurs, do not use the accessory power socket).
- Do not leave your iPhone in the cabin. Otherwise, the cabin temperature will increase to a high temperature in direct sunlight which could cause damage.

Note

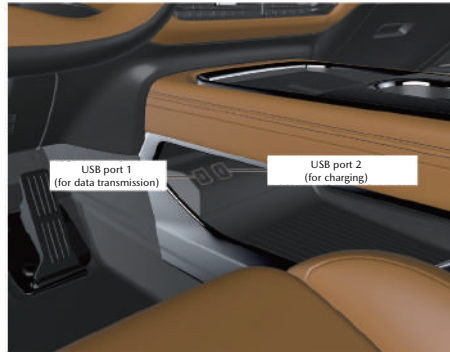
- Before use, carefully read the user instructions for the iPhone.
- Insert the Apple-genuine connector cord into the USB port securely.

▼ Connecting an iPhone

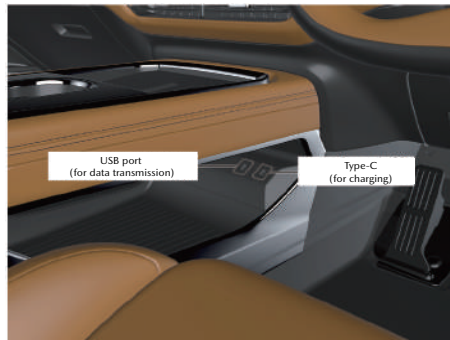
(USB connection)

Insert an Apple-genuine connector cord into the USB port and connect the iPhone.

(Left-Hand Drive Model)



(Right-Hand Drive Model)



When connected, enable Apple CarPlay.

Note

- When a Bluetooth-connected iPhone is connected to the vehicle's USB port, the system switches to Apple CarPlay.
- If the current device has already been connected to the wireless Apple CarPlay, when it is connected to the USB port, there would be no pop-up window on the centre display for switch, and it would only charge the current device.

(Wireless Connection)

Wireless access to Apple CarPlay is available by connecting your iPhone with Connected Service by using Bluetooth®.

When connecting Apple CarPlay for the first time, you should do as follows:

Apple CarPlay

1. Turn on the Bluetooth® of the Connected Service and your iPhone, and select the Apple CarPlay option.
2. You can access the interface of the interconnected device in the following ways:
 - Click the Apple CarPlay grey icon in the drop-down menu bar of the home screen to enter the interconnected device page, and select an available wireless device to connect.
 - Press and hold the voice switch on the steering wheel or click "Vehicle Centre → Network → Interconnected Device" on the centre display to access the interface of interconnected devices and establish a wireless connection.
3. Pair and connect Connected Service and iPhone Bluetooth®, and select the wireless Apple CarPlay.
4. After the iPhone is successfully connected for the first time, no further pairing is required.

When you connect to Apple CarPlay for the first time, you directly enter the Apple CarPlay interface. A success message pops up at the top of the interface.

Note

If the connection fails, you can try the following methods:

- Confirm that Apple CarPlay is allowed on your iPhone;
- Confirm that vehicle hotspot is turned on;
- Confirm that Bluetooth® is turned on.

Switching to Apple CarPlay Mode

When Apple CarPlay is connected, switch to the Apple CarPlay mode interface by clicking the Apple CarPlay icon on the home screen of the centre display or clicking the icon " " switch to Apple CarPlay mode interface

Note

- The icons and their positions displayed on the Apple CarPlay home screen may differ depending on the type of interconnected devices and operating system versions.
1. Display iPhone icon after connection
 2. Returns to the Connected Service interface.
 3. Tap to switch to the main interface of Apple CarPlay, and press and hold to activate the voice recognition function (Siri)

Convenient Ways to Use Apple CarPlay

Enable Apple CarPlay voice recognition function by long pressing the voice switch on the steering wheel. Press the switch again to disable Siri.

Note

- The voice recognition function of Connected Service cannot be used while Apple CarPlay is connected.

Disabling Apple CarPlay

How to disconnect a cable connection

To end Apple CarPlay mode, disconnect the mobile device's data cable from the USB port.

How to disconnect Wireless connection

Tap "Vehicle Centre → Network → Interconnected Device" on the centre display to go to the Connected Service interface, select the connection and click "Disconnect" to disconnect your device from your Connected Service system.

You can also switch the device's Apple CarPlay mode to Bluetooth® mode in the Bluetooth® interface, at which the Connected Service system automatically disconnects from Apple CarPlay Connectivity.

Android Auto™

▼ Android Auto™

Android Auto™ is an application which allows the operation of an Android™ Smartphone using the Connected Service. Available contents such as the phone, messages, music, and maps that are compatible with Android Auto™ can be used with the Connected Service.

Note

Android Auto™ is compatible with Android™ smartphones running Android 8.0 or higher that have an active data plan, subject to the latest information on the official website. If you are using Android 9 or a lower version, you must install the Android Auto™ app on your phone. Since Android Auto™ is built into Android 10, there is no need for a separate app to start using it.



- Do not place anything on the USB port with the plug connected.
- Depending on the mobile device to be connected, noise may occur when using the device with it connected to the accessory power socket equipped on the vehicle (if noise occurs, do not use the accessory power socket).
- Do not leave your mobile devices in the cabin. Otherwise, they could be damaged by high temperature resulted from direct sunlight.

Note

- Before you use Android Auto™ with your vehicle, you need to download the Android Auto™ application from the Google Play™ on your Android™ Smartphone.
- Before use, carefully read the user instructions for the Android™ Smartphone.
- Do not use the Connected Service for an extended period after the vehicle is powered off, as it may drain the 12V battery.
- Insert the Android™ Smartphone-genuine connector cord into the USB port securely.

▼ Connecting an Android™ Smartphone

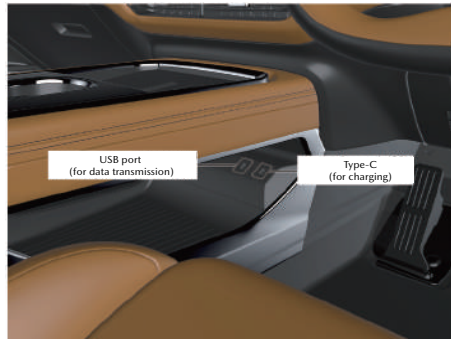
(USB connection)

Insert an Android™ Smartphone-genuine connector cord into the USB port to connect the Android™ Smartphone.

(Left-Hand Drive Model)



(Right-Hand Drive Model)



Note

After connecting the smartphone and the Connected Service system through the USB cable:

- To use Android Auto™, you need to enable Bluetooth®.
- If the current device has already been connected to the wireless Android Auto™, when it is connected to the USB port, there would be no pop-up window on the centre display for switch, and it would only charge the current device.

(Wireless Connection)

Android Auto™

Wireless access to Android Auto™ is available by connecting your Android™ Smartphones with Connected Service by using Bluetooth®.

When connecting Android Auto™ for the first time, you should do as follows:

1. Turn on the Bluetooth® of the Connected Service and your smartphone, and select the Android Auto™ option.
2. You can access the interface of the interconnected device in the following ways:
 - Click the Android Auto™ grey icon in the drop-down menu bar of the home screen to enter the interconnected device page, and select an available wireless device to connect.
 - Press and hold the voice switch on the steering wheel or click "Vehicle Centre → Network → Interconnected Device" on the centre display to access the interface of interconnected devices and establish a wireless connection.
3. Pair and connect Connected Service and your phone.
4. After the smartphone is successfully connected for the first time, no further pairing is required.

Note

If the connection to Android Auto™ takes more than 500ms, a pop-up message notes "Android Auto™ is connecting, please wait."

If the connection fails, you can try the following methods to recover:

- Confirm that Android Auto™ is allowed on your smartphone;
- Confirm that vehicle hotspot is turned on;
- Confirm that Bluetooth® is turned on.
- Update Android Auto™ version of smartphone;
- Update your Android™ smartphone software version.

Switching to Android Auto™ Mode

When Android Auto™ is connected, switch to the Android Auto™ mode interface by clicking the Android Auto™ icon on the home screen of the centre display or clicking the icon “” switch to Android Auto™ mode interface.

Note

- The media displayed on the Android Auto™ home screen may differ depending on the use conditions and version of the connected Android™ Smartphone.
- The version update of the Android Auto™ app on the device will cause the centre display to change without prior notice.
 1. Returns to the Connected Service interface.
 2. Display the Android Auto™ home screen.
 3. Switch current interface.
 4. Display the NowPlaying interface.

Convenient Ways to Use Android Auto™

Enable Google voice recognition by long pressing the voice switch on the steering wheel; After enabling the voice recognition, press the voice switch again to turn off Google Conversations.

Note

- The voice recognition function of Connected Service cannot be used while Android Auto™ is connected.
- Users enable Android Auto™ voice recognition function with "OK Google".

End Android Auto™

How to disconnect a cable connection

To end Android Auto™ mode, disconnect the mobile device's data cable from the USB port.

In addition, Bluetooth® devices connected to Android Auto™ remain connected and display the interface that was last displayed in local mode before Android Auto™ mode exited.

How to Disconnect Wireless Connection

Tap "Vehicle Centre → Network → Interconnected Device" on the Centre Display to go to the interconnected devices interface, select the connection and click "Disconnect" to disconnect your device from your Connected Service system.

You can also switch the device's Android Auto™ mode to Bluetooth® mode in the Bluetooth® interface, at which the Connected Service system automatically disconnects from Android Auto™ Connectivity.

Wi-Fi

Wi-Fi

▼Wi-Fi

Wi-Fi*¹ is a brand name that represents the interconnection of IEEE 802.11 standard devices, certified by the Wi-Fi Alliance®. Wi-Fi access can be obtained wirelessly in various environments, such as mobile Wi-Fi routers or public Wi-Fi areas. By connecting the Connected Service to the internet via Wi-Fi, you can use weather, online music, and online radio features.

*1 Wi-Fi, Wi-Fi Alliance®, and the related marks are trademarks or registered trademarks of Wi-Fi Alliance®.

Supported Standards

IEEE 802.11 b/g/n

Supported Security Types

None

WPA/WPA2

WEP

Note

To enhance communication security, we recommend setting the security type to WPA, WEP, or WPA/WPA2. Please follow the steps for security setup as described in the operation manual of your device.

To Connect to Wi-Fi:

1. Enter the vehicle centre on the main page of the centre display;
2. Select [Network];
3. Select [Wi-Fi];
4. Enable Wi-Fi;
5. Search for available Wi-Fi networks;

6. Select the desired network;
7. Enter the Wi-Fi password;
8. Complete the connection.

Note

- When successfully connected to the Wi-Fi network, the  icon is displayed.
- Automatically reconnects to the network when it enters a previously connected network area.

Adding a Network

To connect to a network outside of a public Wi-Fi area, you need to add a network manually. After a network is added, the security authentication information of the network is recorded, and the network can be automatically connected when it enters the availability zone. Up to 5 networks can be stored.

Cancelling the Network

1. Click on the settings icon next to the connected Wi-Fi.
2. Choose to disconnect the device or forget it.
3. Complete the cancellation.

Note

If you choose to forget the device, you will need to manually add it again when connecting to the same Wi-Fi network next time.

To Start Connected Service

To Start Connected Service

▼Download and Authentication

- You can download the Mobile App from the Apple App Store and Google Play.

Note

Please note that this application is only compatible with mobile operating systems iOS 13.0 or later and Android 8.0 or later. The app's control functions are not supported on devices running earlier operating system versions.

▼Connecting with Vehicle

You can initialize your account information and connect with the vehicle at the dealership with the assistance of the service staff. Once the connection is complete, follow the steps below to connect the app with the vehicle:

1. After logging in to the App, navigate to the available vehicles page and select "Connect Vehicle" to view the list of vehicles;
2. Select your vehicle from the list. You will see your vehicle's model, VIN and other details displayed;
3. Click to obtain the verification code, the system will send the vehicle connection verification code to your email address;
4. Enter the verification code from your email and click [Confirm Link] to complete the process.

Note

- After approval, the vehicle is displayed in the "Mobile App". If the authentication fails, the SMS message will prompt the reason for the failure. Please submit the materials for review as required.

▼Disconnect with Vehicle

If you need to cancel your account, you can disconnect your car in the following ways.

1. After the owner enters the home page, click the nickname of the vehicle in the upper left corner (default nickname: My vehicle or My car) to enter the vehicle management page;
2. Enter the vehicle management page and click the picture of the vehicle to enter the vehicle details page;
3. Click the "Disconnect Vehicle" icon to enter the vehicle disconnection page, which will indicate the related impact and preconditions after disconnection;
4. After clicking "Confirm", the system will automatically judge whether there is a valid vehicle sharing record in vehicle. If there is, the pop-up window will prompt and provide a icon to go to the vehicle sharing management to end the sharing. If there is no valid vehicle sharing record, the system will enter the account e-mail verification stage;
5. Click to obtain the verification code, the system will send the e-mail verification code to the owner's mailbox;

6. Enter the verification code obtained from the e-mail address, and click "Confirm disconnection" to complete vehicle disconnection.



- The management rights of the Mobile App account belong to the user. Please refer to the Mobile App for the User Agreement and Privacy Policy. If the user needs to clear the data of the Mobile App on the mobile device, please perform the operation on the mobile side. If it is necessary to clear the data on the platform side, please bring the relevant identification documents to the dealership for verification and processing.

▼ Account Login

QR Code Login

You can tap "Visitor landing" in the personal centre to bring up the QR code login interface, and use the mobile app to scan the code to log into your personal account.

To Start Connected Service

▼ Mobile Control



1. Tap the [Remote Control] icon to switch to remote vehicle control mode.
2. Tap the [Bluetooth®] icon to switch to Bluetooth® control mode.

Note: Please ensure your phone's Bluetooth® is turned on before use.



3. After entering remote control mode, the following controls can be carried out:
 - Tap the [Car Lock] icon to lock/unlock the vehicle;
 - Tap the [Window] icon to ventilate/close the windows;
 - Tap the [Liftgate] icon to open/close the vehicle's liftgate;

- Tap the [Honk and Flash] icon ,the vehicle will honk and the lights will flash;
- Tap the [Flash] icon and the vehicle lights will flash.

After entering Bluetooth® control mode, the following controls can be carried out:

- Tap the [Car Lock] icon to lock/unlock the vehicle;
- Tap the [Window] icon to open/close the windows;
- Tap the [Liftgate] icon to open/close the vehicle's liftgate;
- Tap the [Electric Rear Spoiler] icon to toggle the open/close state of the vehicle's spoiler;
- Tap the [Honk and Flash] icon ,the vehicle will honk and the lights will flash;

▼ Sharing Management

In the APP vehicle control main interface, tap the [Share] icon to manage vehicle sharing.



Tap the [Share] icon on this interface to add shared user information.

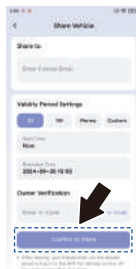
Remarks: Sharing is limited to 3 people.

Tap the [End] icon on this interface to cancel active sharing permissions.



After completing the shared user information, tap the [Confirm to Share] icon to finish adding the shared user information.

After successful sharing, the shared user must log into the APP using the email address you shared to use functions such as remote vehicle control and Bluetooth® key vehicle control.



▼Privacy

Mazda maintains a Privacy Statement which describes how we collect, use, share store and secure data from your vehicle equipped with connected services. We provide you with connected services by collecting and using your personal information and vehicle location, health and driving data. To learn more about our Privacy Statement, please check the privacy agreement on each local Mazda official website.

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Trouble

Troubleshooting

Troubleshooting

▼Troubleshooting

If you believe that certain functions of the vehicle's Connected Service system are not working, please carefully read the operating instructions in the audio-visual entertainment section of this manual before seeking repairs. Then, refer to the table below for inspection, which will help in troubleshooting the issue.

Bluetooth® Device Pairing and Connection Issues

Symptom	Cause	Solution Method
Unable to pair	—	First confirm that the device is compatible with Bluetooth®, then check if the device's Bluetooth® function and discovery mode/visibility settings*1 are turned on. If pairing still fails, please consult an expert repairer (we recommend an Authorised Mazda Repairer).
Unable to pair again	Unable to identify the pairing information of the connected Bluetooth device.	Perform pairing using these steps: • Clear "Mazda" or "vehicle name" stored in the device. • Perform pairing again.
Unable to pair	Depending on the device, the Bluetooth® function and discovery mode/visibility settings*1 may automatically turn off after a period of time.	Check if the device's Bluetooth® function and discovery mode/visibility settings*1 are turned on, then pair or reconnect.
Does not automatically connect when starting the vehicle		
Automatically connects but then suddenly disconnects		

Symptom	Cause	Solution Method
Intermittent disconnection	Device is placed in an area prone to radio wave interference, such as: in a bag on the back seat or in a back pocket.	Move the device to a location less susceptible to radio wave interference.
Does not automatically connect when starting the vehicle	When the device OS is updated, pairing information is updated.	Perform pairing again.

*1 Setting that allows detection of devices other than Bluetooth® devices.

Note

- When the device OS is updated, pairing information is deleted. If this occurs, please pair with the Bluetooth® device again.
- If a paired phone has been previously paired to the vehicle more than once, you need to delete "Mazda" or "vehicle name" from your mobile device. Then, perform a Bluetooth® search on your mobile device again and pair with the newly detected "Mazda" or "vehicle name".
- Before pairing devices, ensure Bluetooth® is "ON" on both your phone and vehicle.

Voice Recognition Related Issues

Trouble

Troubleshooting

Symptom	Cause	Solution Method
Poor voice recognition	• Speaking too slowly. • Speaking too forcefully (shouting). • High noise levels (exterior/interior talking or noise). • Air flow from A/C is blowing towards the microphone.	Regarding the causes shown on the left, please be mindful of how you speak. Additionally, when speaking numbers in sequence, recognition will improve if there are no pauses between numbers.
Numbers are misrecognized		
Poor voice recognition	Microphone malfunction.	Poor microphone connection or malfunction. Consult an expert repairer (we recommend an Authorised Mazda Repairer).
Phone-related voice recognition is disabled	Connection issue between the Bluetooth® device and device.	If there are any issues after checking the pairing status, check for device pairing or connection problems.
Names in the phonebook are not easily recognized	Bluetooth® system is in a state where recognition is difficult.	Recognition rate will improve by taking the following measures: -Clear rarely used contacts from the phonebook.
When operating audio through voice recognition, song, artist, and album names are not recognized	Song, artist, and album names cannot be recognized through voice recognition operations.	Reenter detailed information to search.

Call-Related Issues

Symptom	Cause	Solution Method
Vehicle noise from other party can be heard at the beginning of calls	It takes about three seconds for the noise suppression feature of Bluetooth® device to take effect.	This does not indicate a device problem.
Names in the phonebook are not easily recognized	Bluetooth® system is in a state where recognition is difficult.	Recognition rate will improve by taking the following measures: -Clear rarely used contacts from the phonebook.
Cannot hear the other party or speaker volume is low	Volume is set to zero or low.	Increase the volume.

Other Issues

Trouble

Troubleshooting

Symptom	Cause	Solution Method
Remaining battery level shown differs between vehicle and device	The indication method differs between the vehicle and device.	View energy flow interface.
When making calls through the vehicle device, phone numbers update in incoming/outgoing call history but names do not display	Number has not been registered in the phonebook.	If the phone number is registered in the phonebook, the incoming/outgoing call history will update with the name from the phonebook when the vehicle is started.
Mobile phone's incoming/outgoing call history doesn't sync with the vehicle	Some types of mobile phones cannot sync automatically.	Operate the mobile phone to sync.

Apple CarPlay Use-related Issues

Symptom	Cause	Solution
The de- sired ap- plication icon does not appear on the Ap- ple Car- Play home screen.	Only applications com- patible with Apple Car- Play are displayed on the interface.	Please contact the application provider.
Poor or in- correct recogni- tion of com- mands or contact names when us- ing Siri for voice rec- ognition.	There may be multiple causes, such as: 1. Poor network connection 2. Road noise/air con- ditioner wind noise 3. Incorrect iPhone language settings	1. Reconnect, or wait until network connection is good before using Siri again. 2. Speak loudly and clearly for better voice recognition. 3. Ensure iPhone language settings are correct (e.g., US English or UK English). If you still have difficulty using Siri, please visit the Apple Support web- site or contact Apple.
Volume difference exists be- tween Bluetooth® audio and Apple CarPlay.	—	Check the audio volume of the de- vice connected via Bluetooth®. Some devices connected via Bluetooth® al- low volume adjustment.
Apple Car- Play USB connec- tion sud- denly dis- connects	Bluetooth® function was turned on while using Apple CarPlay USB connection.	Disconnect Bluetooth®, then estab- lish Apple CarPlay USB connection again.
The wire- less con- nection	Apple CarPlay was manually disconnected before vehicle power-	Reconfigure Apple CarPlay connection.

Trouble

Troubleshooting

Symptom	Cause	Solution
does not automatically re-connect with the Connected Service system	off, and will not automatically connect when vehicle power is restored.	When you actively disconnect Apple CarPlay, a pop-up window will appear when you enable Apple CarPlay again. When the iPhone and Bluetooth® are connected, you will be prompted if you need to switch to Apple CarPlay.
	When network is unstable.	Wait until network is stable before connecting again.
	Vehicle hotspot is not enabled.	Enable the vehicle's hotspot function.

Android Auto™ Use-related Issues

Symptom	Cause	Solution Method
The de-sired ap-plication icon does not appear on the home screen in Android Auto™ mode.	Only applications com-patible with Android Auto™ are displayed on the interface.	Please contact the application provider.
Voice recog-nition per-formance is poor or in-correct.	—	A poor connection or malfunction with the microphone may have oc-curred. Consult an expert repairer (we recommend an Authorised Maz-da Repairer).

Trouble Troubleshooting

Symptom	Cause	Solution Method
Voice recognition response is slow or not working.		
Volume difference exists between Bluetooth® audio and Android Auto™.	—	Check the audio volume of the device connected via Bluetooth®. Some devices connected via Bluetooth® allow volume adjustment.
Disconnects intermittently	The Android™ device is in a location where reception interference can occur easily, such as inside a bag on a rear seat or in a rear pocket.	- Move the Android Auto™ device to a location less susceptible to radio wave interference. - Turn off the Bluetooth® device once and then turn it back on.
The USB connection only charges the phone	The device established a wireless connection first, causing the subsequently plugged-in USB connection to only charge the device.	Disconnect the wireless connection first, then establish the USB connection again.

Trouble

Troubleshooting

Symptom	Cause	Solution Method
The USB connection does not automatically reconnect with the Connected Service system	Your phone's Bluetooth® is turned off.	Turn on phone's Bluetooth® and reconnect to the Connected Service system.
	Your phone has not allowed the use of Android Auto™.	Grant Android Auto™ permission on your phone.

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